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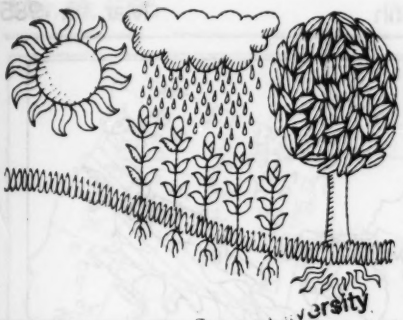

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service and World Agricultural Outlook Board

Volume 72, No. 11 WASHINGTON, D.C. Mar. 19, 1985

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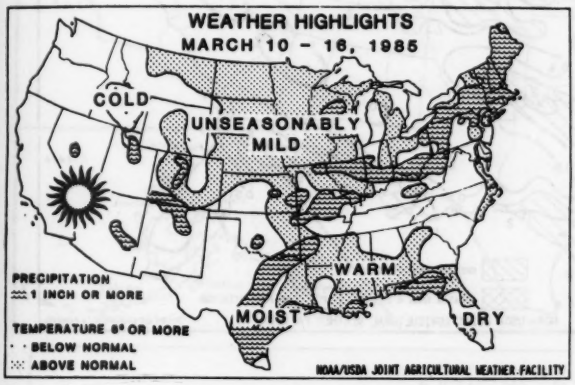
National Weather Summary

March 10 to 16, 1985



HIGHLIGHTS: Most of the Nation had warmer-than-normal average temperatures. Windy, warm, and showery described the weather across the South. Most of the west coast was near normal, and an isolated area in the north central Rockies had well-below-normal average temperatures. Showers and thunderstorms spread from south central Texas through eastern Kansas, southern Missouri, and into Arkansas. Showers and thunderstorms later developed across the Gulf of Mexico to Florida and along the southeastern coast. Rain covered the Ohio Valley, the Great Lakes, and the Northeast. Snow fell at the higher elevations in Arizona, New Mexico, the northern Plains, and the upper Lakes region.

SUNDAY...Rainshowers and a few thunderstorms moved across portions of northern and central California, and lighter showers reached across the central Plateau to the central Rockies. A warm front across the South triggered rain from the central Plains through the Ohio Valley. It was unusually warm through the Plains and across the South.

MONDAY...Light showers fell from central and southern California to the central and southern Rockies. A storm, centered in Wisconsin, brought colder air to the northern Plains and rain from the Mississippi Valley northeastward to New England. The rain changed to snow in northern Wisconsin and the upper Great Lakes region. The South remained warm and dry.

TUESDAY...Snow changed to rain in upper New England, and moderate rain fell over all of New England. Lighter rain fell from the upper Ohio Valley to Maryland and northward. Light showers covered the central Rockies. Snowshowers scattered over the northern Plains while rainshowers and a few thundershowers spread from Oklahoma and Kansas to Missouri.

WEDNESDAY...Showers and thunderstorms developed through much of Texas and spread through eastern Oklahoma to southern Illinois. Lighter showers or rain covered the area from the middle and upper Mississippi Valley through Pennsylvania and New England. Cold air pushed through the eastern Great Lakes to the southern Appalachians, but the East Coast States were warmer.

THURSDAY...Thunderstorms drenched southeastern Texas. Showers fell from southern Texas through the Tennessee Valley. Very light showers fell throughout the East Coast States, but Florida remained very dry. Showers also spread through Arizona and western New Mexico. Record-high temperatures were recorded over the Southeast.

FRIDAY...Thunderstorms spread along a line from southern Arizona through southeastern Texas to central Florida. Heavy rain again drenched southeastern Texas. Lighter showers fell throughout Arizona, New Mexico, Texas, and along the gulf coast to southern Georgia. Rain was generally light, but nonetheless welcome, in the very dry central and northern Florida. Snow or sleet covered much of the high elevations in Arizona and New Mexico.

SATURDAY...A storm in the Gulf of Mexico generated moderate showers and thunderstorms along the eastern gulf coast, through northern Florida, and along the southeastern coast. Very beneficial rain fell in northern Florida and southern Georgia. Light showers fell throughout Texas and western Oklahoma and in the Southeast. Snow covered the western Great Lakes and western New York.

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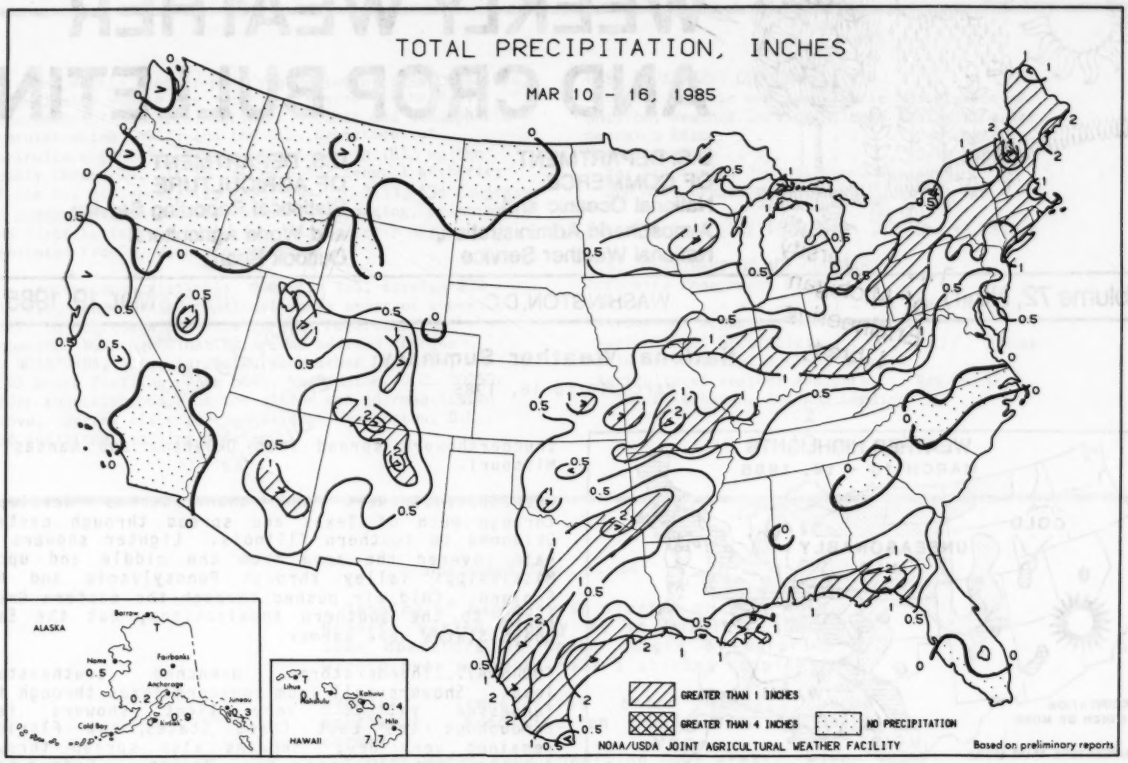
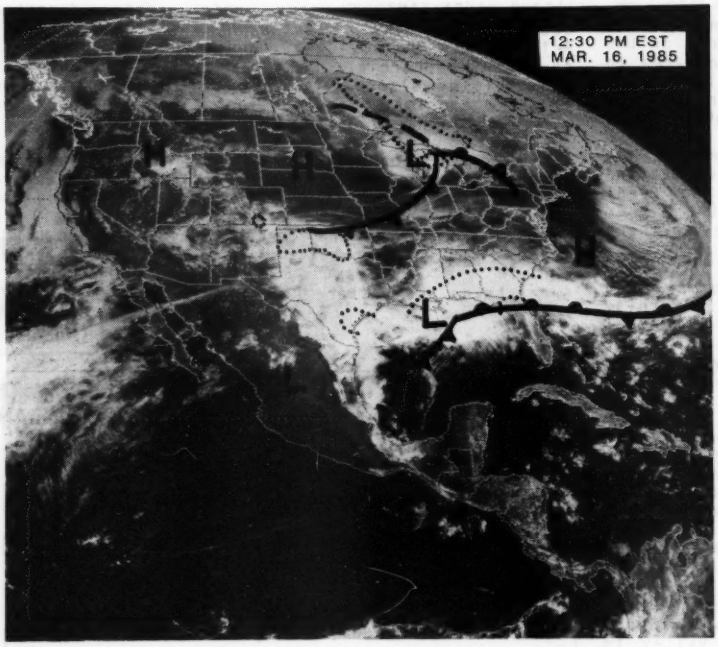
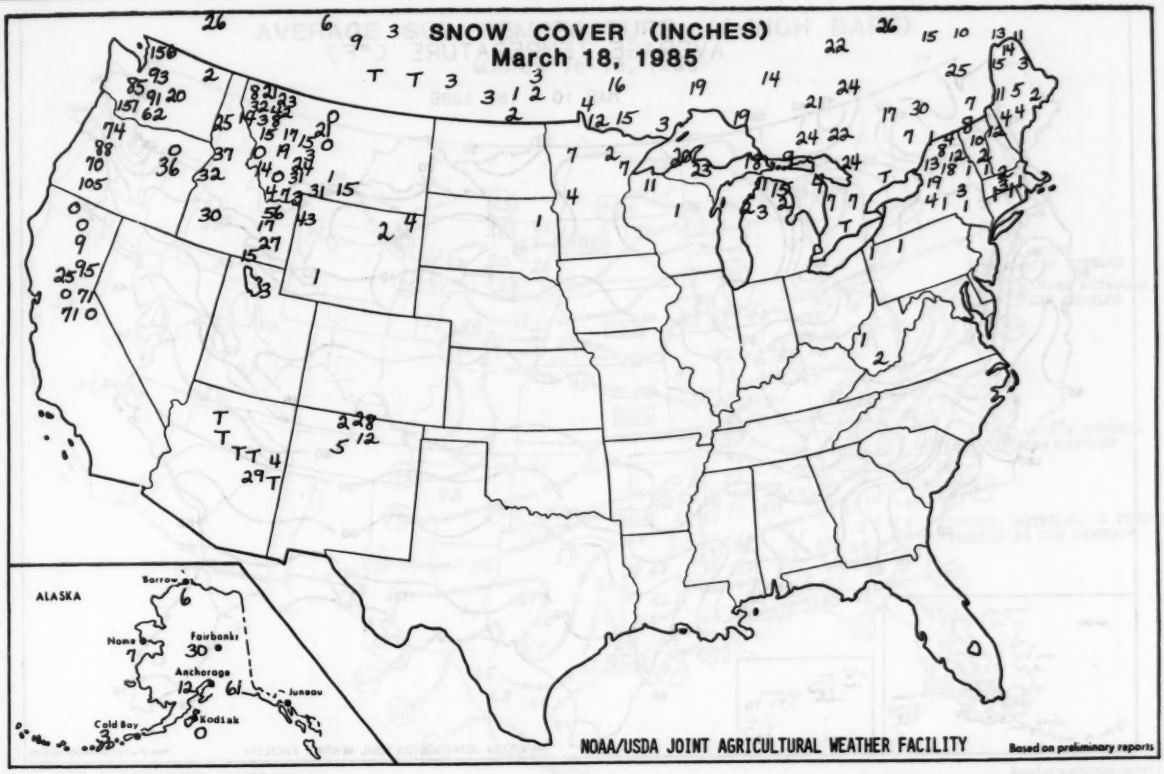


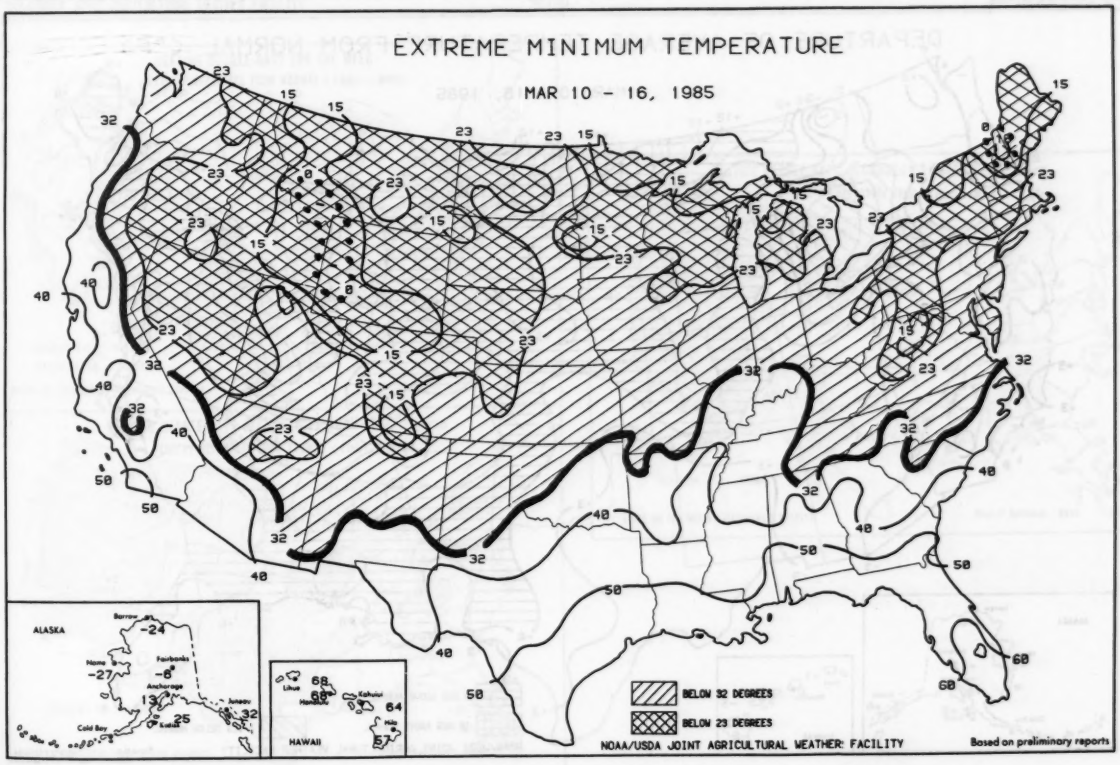


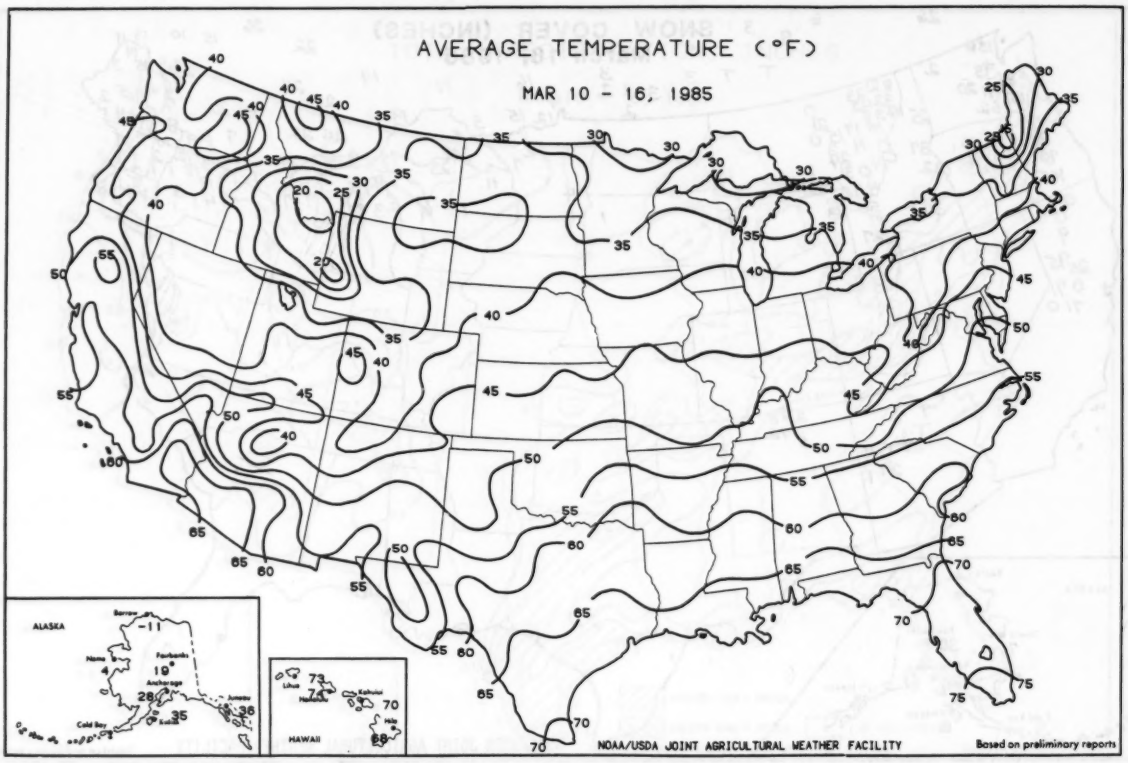
A STORM IN THE GULF OF MEXICO BRINGS MUCH NEEDED RAIN TO THE EASTERN GULF COAST, SOUTHERN GEORGIA, AND NORTHERN FLORIDA.

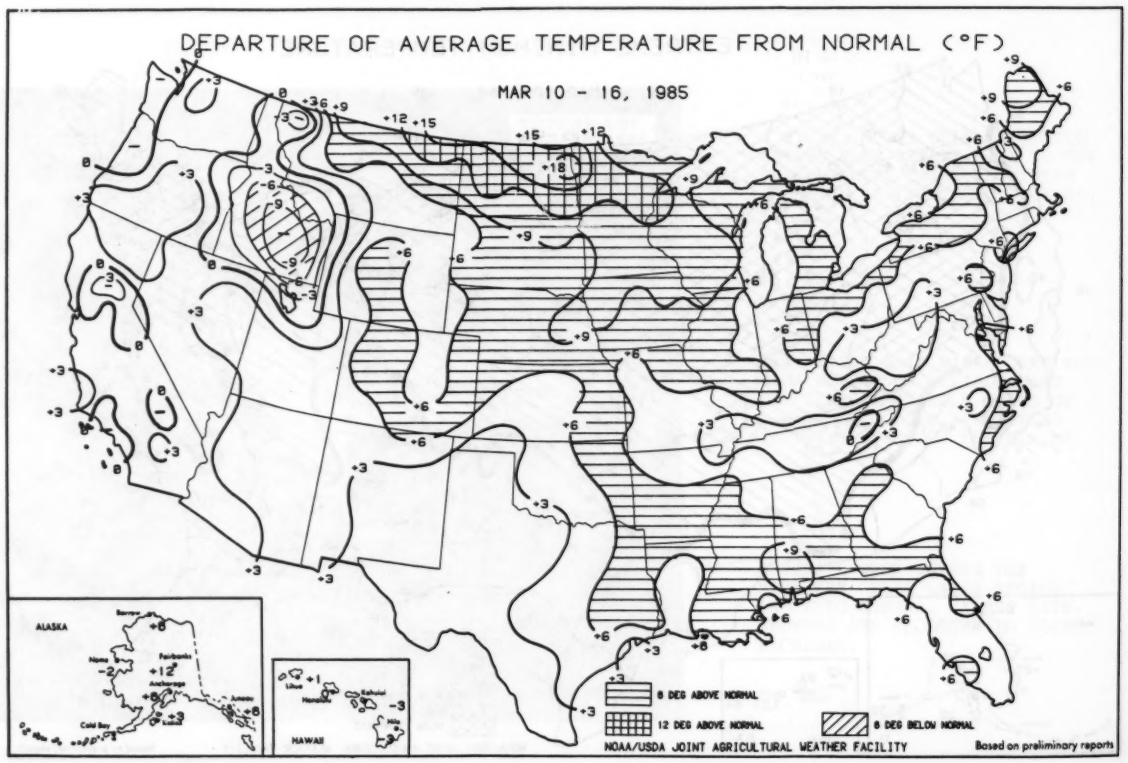
VERY LIGHT RAIN FALLS OVER THE HIGH PLAINS OF OKLAHOMA AND THE TEXAS PANHANDLE AHEAD OF A MASS OF COOLER AIR MOVING SOUTHWARD THROUGH THE PLAINS.

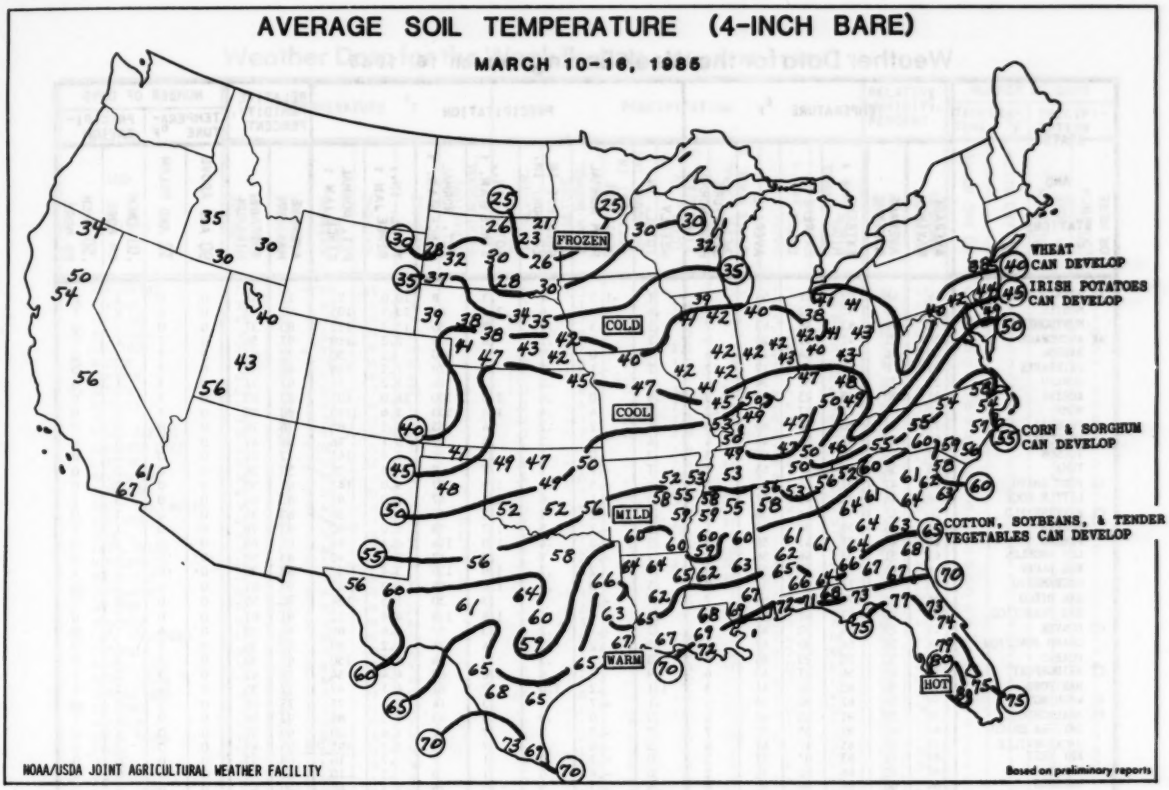
MODERATE SNOW COVERS THE NORTHERN GREAT LAKES REGION AND INTO CANADA. A FEW RAIN-SHOWERS ARE RECORDED IN LOWER MICHIGAN.


SNOW COVER (INCHES)
March 18, 1985
ALASKA
Barrow
Nome
Fairbanks
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

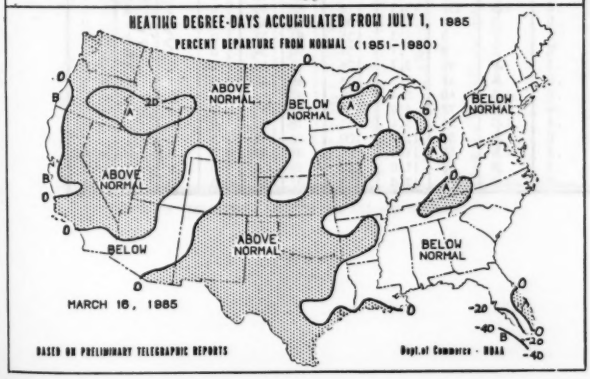

EXTREME MINIMUM TEMPERATURE
MAR 10 - 16, 1985
ALASKA
HAWAII
BELOW 32 DEGREES
BELOW 23 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

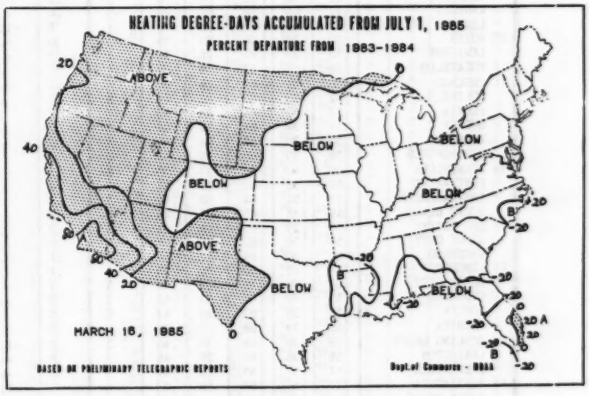

AVERAGE TEMPERATURE (°F)
MAR 10 - 16, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
MAR 10 - 16, 1985
ALASKA
HAWAII
6 DEG ABOVE NORMAL
12 DEG ABOVE NORMAL
6 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


AVERAGE SOIL TEMPERATURE (4-INCH BARE)
MARCH 10-16, 1985
FROZEN
COLD
COOL
MILD
WARM
HOT
WHEAT CAN DEVELOP
IRISH POTATOES CAN DEVELOP
CORN & SORGHUM CAN DEVELOP
COTTON, SOYBEANS, & TENDER VEGETABLES CAN DEVELOP
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

HEATING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
BELOW NORMAL
ABOVE NORMAL
MARCH 10, 1985 TO MARCH 16, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


HEATING DEGREE-DAYS ACCUMULATED FROM JULY 1, 1985
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
BELOW NORMAL
MARCH 16, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA


HEATING DEGREE-DAYS ACCUMULATED FROM JULY 1, 1985
PERCENT DEPARTURE FROM 1983-1984
ABOVE
BELOW
MARCH 16, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA

Weather Data for the Week Ending March 16, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	69	46	82	41	58	5	T	-1.5	T	.3	8	10.0	75	75	31	0	0	2	0
MOBILE	77	58	85	52	68	9	.6	-.9	.6	2.1	61	13.5	105	91	43	0	0	2	1
MONTGOMERY	73	52	83	48	63	7	.1	-1.3	.1	.9	30	13.2	112	80	37	0	0	1	0
AK ANCHORAGE	36	21	42	13	28	6	.2	.1	.1	.8	208	2.3	110	97	56	0	7	4	0
BARROW	-6	-16	-3	-24	-11	6	T	0	T	.1	400	.2	50	77	57	0	7	2	0
FAIRBANKS	32	6	40	-6	19	12	T	-.1	T	.6	228	1.5	125	88	52	0	7	0	0
JUNEAU	39	33	41	32	36	6	.3	-.5	.3	.3	14	1.2	14	97	71	0	3	1	0
KODIAK	41	30	48	25	35	3	.9	0	.4	2.3	100	18.0	107	82	45	0	5	5	0
NOME	12	-5	22	-27	4	-2	.5	.4	.4	1.4	533	2.6	163	88	69	0	7	5	0
AZ PHOENIX	73	56	80	48	65	5	.4	.2	.2	.4	85	1.5	83	76	26	0	0	4	0
PRESCOTT	54	37	61	26	46	4	.4	0	.3	.4	41	3.1	76	89	47	0	1	3	0
TUCSON	71	49	79	37	60	3	.2	0	.1	.2	39	2.9	161	72	22	0	0	2	0
YUMA	76	54	81	47	65	1	T	-.1	T	T	0	.3	38	59	26	0	0	0	0
AR FORT SMITH	65	47	81	34	56	7	.4	-.5	.4	1.9	97	9.0	143	81	38	0	0	2	0
LITTLE ROCK	66	48	75	41	57	7	1.0	-.1	.6	1.6	67	8.0	81	82	44	0	0	3	1
CA BAKERSFIELD	70	45	73	41	58	1	T	-.2	T	.2	31	.9	36	83	34	0	0	1	0
EUREKA	54	44	59	38	49	1	.5	-.7	.5	1.7	59	6.0	40	93	76	0	0	1	1
FRESNO	68	45	71	41	56	3	.5	.2	.4	1.0	114	2.1	44	86	46	0	0	2	0
LOS ANGELES	61	51	63	46	56	-1	T	-.4	T	.2	17	2.8	42	83	58	0	0	1	0
RED BLUFF	68	44	75	40	56	3	.7	.2	.7	1.9	139	3.4	37	83	39	0	0	2	1
SACREMENTO	63	42	71	39	53	0	.5	0	.5	1.0	85	3.2	40	99	61	0	0	1	0
SAN DIEGO	66	56	70	51	61	2	T	-.4	T	.3	30	1.5	34	80	55	0	0	0	0
SAN FRANCISCO	60	46	63	41	53	0	.7	0	.5	1.8	119	4.9	52	91	61	0	0	2	0
CO DENVER	55	29	64	22	42	5	.2	-.1	.2	.3	57	1.6	89	84	33	0	6	1	0
GRAND JUNCTION	58	36	64	30	47	6	.3	.2	.3	.4	124	1.2	80	82	36	0	2	2	0
PUEBLO	58	30	75	23	44	5	.3	.2	.3	.3	94	1.2	150	91	37	0	5	2	0
CT BRIDGEPORT	50	35	56	27	43	6	.9	0	.8	1.6	82	4.4	54	78	42	0	3	2	1
HARTFORD	51	30	60	22	41	5	1.1	.2	1.0	1.7	81	4.1	47	77	35	0	4	2	1
DC WASHINGTON	59	39	62	30	49	4	.1	-.7	.1	.3	14	5.4	75	73	28	0	1	2	0
FL APALACHICOLA	76	59	81	55	68	8	.9	0	.9	.9	43	8.3	89	92	58	0	0	1	1
DAYTONA BEACH	82	60	89	55	71	7	T	-.7	T	T	1	1.4	20	89	52	0	0	1	0
JACKSONVILLE	77	56	85	47	67	6	.3	-.6	.3	.7	35	3.2	37	95	47	0	0	1	0
KEY WEST	82	71	83	67	77	3	0	-.3	0	.1	7	.7	16	69	52	0	0	0	0
MIAMI	84	63	86	62	74	2	0	-.4	0	.1	9	.5	10	87	45	0	0	0	0
ORLANDO	84	60	87	59	72	6	.5	-.3	.5	.5	26	2.7	40	100	43	0	0	1	0
TALLAHASSEE	79	57	85	53	68	9	2.1	.8	2.1	2.4	80	7.0	55	97	46	0	0	1	1
TAMPA	83	60	85	56	72	6	.1	-.7	.1	.1	5	4.2	58	95	49	0	0	2	0
WEST PALM BEACH	84	62	85	57	73	3	T	-.6	T	T	3	1.4	21	97	51	0	0	2	0
GA ATLANTA	69	47	79	42	58	6	T	-1.4	T	.3	11	9.5	77	68	30	0	0	0	0
AUGUSTA	76	43	84	37	59	5	.3	-.8	.3	.4	17	10.3	96	84	25	0	0	1	0
MACON	72	45	82	36	59	3	.4	-.8	.4	.7	26	8.7	75	91	40	0	0	1	0
SAVANNAH	73	51	85	43	62	4	.6	-.3	.6	1.1	52	3.0	36	84	35	0	0	1	1
HI HILO	74	62	76	57	68	-3	7.7	4.7	5.5	15.7	219	32.7	109	91	64	0	0	7	3
HONOLULU	80	68	82	68	74	0	.1	-.8	0	.8	43	5.8	89	80	55	0	0	3	0
KAHULUI	77	64	78	64	70	-3	.4	-.3	.3	1.0	58	3.4	37	94	62	0	0	4	0
LIHUE	77	68	78	68	73	1	T	-1.0	T	.2	7	9.1	74	78	56	0	0	1	0
ID BOISE	50	23	56	20	36	-4	0	-.2	0	.2	35	.9	28	84	38	0	7	0	0
LEWISTON	58	29	65	26	44	1	0	-.2	0	T	8	.9	32	74	28	0	6	0	0
POCATELLO	36	12	42	8	24	-11	T	-.2	T	.9	177	2.5	100	91	64	0	7	1	0
IL CHICAGO	50	31	64	26	40	6	.3	-.3	.2	2.1	185	7.0	175	88	43	0	5	2	0
MOLINE	52	33	63	26	42	8	.7	.1	.4	3.3	276	7.1	169	82	47	0	3	2	0
PEORIA	53	33	64	28	43	7	.7	.1	.6	3.2	249	6.8	158	92	45	0	3	3	1
QUINCY	54	34	64	30	44	7	.8	.1	.4	2.1	144	6.3	150	92	49	0	3	3	0
ROCKFORD	50	30	62	24	40	8	.3	-.2	.3	1.8	166	4.6	124	90	46	0	6	2	0
SPRINGFIELD	56	35	65	30	45	7	.7	0	.4	2.5	174	6.1	127	87	41	0	2	3	0
IN EVANSVILLE	60	40	68	33	50	6	.7	-.4	.3	1.4	59	7.4	89	83	41	0	0	3	0
FORT WAYNE	52	33	63	29	42	7	.6	-.1	.5	1.9	136	7.5	139	84	47	0	5	2	0
INDIANAPOLIS	53	34	64	30	44	5	.7	-.1	.7	2.0	114	7.1	103	84	44	0	4	2	1
SOUTH BEND	49	31	65	26	40	6	.3	-.4	.2	1.6	120	8.5	147	80	41	0	6	2	0
IA DES MOINES	53	29	65	24	41	8	.2	-.3	.1	1.4	140	4.0	129	92	44	0	5	2	0
SIOUX CITY	52	30	63	27	41	9	.1	-.3	.1	1.1	140	1.5	63	87	42	0	5	2	0
WATERLOO	50	30	64	22	40	11	.1	-.4	.1	1.5	157	3.3	118	82	49	0	5	2	0
KS CONCORDIA	54	35	60	30	45	6	.1	-.4	.1	.3	35	2.3	100	91	43	0	2	1	0
DODGE CITY	57	34	73	25	46	5	T	-.3	T	T	3	2.3	135	87	37	0	4	1	0
GOODLAND	55	30	68	23	42	7	T	-.2	T	T	8	.7	54	90	34	0	4	1	0
TOPEKA	58	36	65	28	47	6	.5	0	.3	.9	94	3.7	128	92	43	0	2	4	0
WICHITA	60	39	68	27	49	6	.2	-.3	.1	.4	42	2.7	108	88	42	0	2	2	0
KY BOWLING GREEN	58	39	66	34	48	3	.2	-1.1	.1	1.1	40	5.4	48	92	44	0	0	3	0
LEXINGTON	58	34	64	29	46	3	.8	-.3	.4	1.9	78	4.9	53	85	36	0	3	4	0
LOUISVILLE	57	37	65	33	47	3	.6	-.5	.3	1.3	56	5.6	62	78	37	0	0	3	0
LA ALEXANDRIA	73	53	81	50	63	4	T	-1.2	T	.8	31	12.9	100	90	52	0	0	1	0
BATON ROUGE	76	57	83	51	67	7	.3	-.7	.3	1.4	60	11.8	99	87	49	0	0	2	0
LAKE CHARLES	74	56	82	52	65	6	.6	-.1	.3	.8	50	11.0	112	99	63	0	0	3	0
NEW ORLEANS	75	58	82	55	67	6	1.1	.1	.8	2.9	114	17.0	133	87	51	0	0	3	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 16, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	72	52	82	45	62	6	.6	-.2	.3	.7	39	7.5	80	97	47	0	0	3	0
ME CARIBOU	37	23	46	11	30	7	.7	.1	.4	1.4	111	5.1	89	83	55	0	6	3	0
PORTLAND	45	28	50	19	36	5	1.6	.7	1.6	2.9	144	5.5	59	75	44	0	4	1	1
MD BALTIMORE	58	35	61	24	47	4	.1	-.8	.1	.2	10	5.2	66	64	27	0	4	2	0
SALISBURY	59	38	64	26	48	5	.3	-.7	.2	1.1	48	6.8	76	87	33	0	3	2	0
MA BOSTON	49	34	57	24	42	4	1.0	0	.9	1.8	84	4.7	47	81	42	0	3	4	1
CHATHAM	48	33	52	26	41	5	1.9	.9	1.9	3.7	174	7.3	69	--	--	0	3	1	1
MI ALPENA	42	24	55	17	33	8	1.0	.6	.4	2.0	219	6.4	164	92	49	0	7	3	0
DETROIT	51	30	63	24	41	7	.2	-.4	.1	1.1	92	7.6	162	84	43	0	6	2	0
FLINT	48	30	59	23	39	8	.2	-.2	.2	1.5	152	6.5	163	90	49	0	6	3	0
GRAND RAPIDS	45	29	57	24	37	5	.3	-.2	.2	1.9	171	7.1	158	93	50	0	6	4	0
HOUGHTON LAKE	40	24	50	15	32	6	.6	.1	.3	1.4	156	5.0	135	93	55	0	6	4	0
LANSING	46	28	59	22	37	6	.1	-.4	.1	1.4	128	6.4	145	88	54	0	6	2	0
MARQUETTE	38	19	52	-1	28	7	.6	0	.3	2.3	169	8.1	156	95	54	0	7	4	0
MUSKEGON	43	27	52	20	35	4	.6	0	.3	2.6	226	7.9	152	86	56	0	6	4	0
SAULT STE. MARIE	36	17	45	8	27	4	1.0	.6	.6	2.0	205	7.2	147	93	53	0	7	4	1
MN ALEXANDRIA	42	23	50	19	33	10	.1	-.1	.1	1.9	371	2.8	140	94	49	0	7	3	0
DULUTH	40	26	50	19	33	12	.1	-.3	.1	1.3	153	2.3	79	79	38	0	7	1	0
INT'L FALLS	38	17	45	6	27	9	.1	-.2	.1	.5	100	1.7	81	88	49	0	7	2	0
MINNEAPOLIS	44	28	51	21	36	9	.8	.5	.7	2.3	280	3.6	144	82	48	0	4	2	1
ROCHESTER	44	30	55	26	37	11	.6	.2	.5	1.5	191	2.7	123	88	61	0	5	2	0
MS GREENWOOD	69	51	77	40	60	7	.1	-1.3	.1	.3	11	7.1	55	83	43	0	0	1	0
JACKSON	72	53	83	49	62	7	.1	-1.2	.1	.7	23	12.2	98	92	45	0	0	1	0
MERIDIAN	73	54	82	50	64	9	T	-1.5	T	.8	23	10.1	78	88	43	0	0	0	0
MO CAPE GIRARDEAU	57	42	69	35	50	--	.8	-.4	.6	1.4	55	7.4	88	87	47	0	0	2	1
COLUMBIA	56	35	70	29	45	5	.8	.1	.6	1.8	117	9.2	188	86	42	0	3	4	1
KANSAS CITY	55	34	65	29	45	5	.4	-.2	.2	1.4	125	5.0	147	86	41	0	4	3	0
SAINT LOUIS	57	38	68	32	48	6	.8	.1	.4	2.0	125	6.3	115	82	42	0	1	3	0
SPRINGFIELD	58	38	71	27	48	5	.8	0	.4	1.8	112	7.7	143	81	38	0	1	3	0
MT BILLINGS	47	27	53	24	37	5	.1	-.1	.1	1.3	293	2.0	95	81	38	0	6	1	0
GLASGOW	51	24	61	20	37	13	T	-.1	T	T	25	.1	10	87	29	0	7	0	0
GREAT FALLS	49	27	61	14	38	8	T	-.2	T	.6	130	1.2	55	80	34	0	7	2	0
HAVRE	52	24	61	20	38	11	0	-.1	0	T	11	.4	33	89	30	0	7	0	0
HELENA	49	22	55	19	36	5	0	-.1	0	.3	81	.8	57	85	34	0	7	0	0
KALISPELL	42	11	46	5	26	-5	0	-.2	0	.1	29	1.5	48	80	43	0	7	0	0
MILES CITY	48	25	56	22	36	7	0	-.1	0	.5	200	.8	57	88	51	0	7	0	0
MISSOULA	53	24	59	22	38	5	0	-.2	0	.2	39	1.0	38	86	29	0	7	0	0
NE GRAND ISLAND	55	31	67	27	43	9	.1	-.2	.1	.7	100	1.2	60	79	33	0	5	1	0
LINCOLN	54	29	63	24	42	7	.1	-.3	.1	.4	43	1.2	48	93	41	0	5	1	0
NORFOLK	53	30	63	26	41	9	T	-.3	T	.6	86	1.0	50	88	37	0	7	1	0
NORTH PLATTE	56	26	71	21	41	7	.2	-.1	.1	.2	41	.9	60	87	27	0	7	2	0
OMAHA	52	33	63	26	42	9	.2	-.2	.2	.6	64	1.7	65	92	44	0	3	2	0
SCOTTSBLUFF	57	21	64	17	39	4	.2	-.1	.2	.4	86	1.2	100	79	25	0	7	1	0
VALENTINE	54	23	65	15	38	8	T	-.1	T	.2	64	.8	73	79	27	0	6	1	0
NV ELY	50	26	55	18	38	5	T	-.2	T	.4	96	1.4	74	91	37	0	6	1	0
LAS VEGAS	68	45	75	38	57	2	.1	0	.1	.1	19	.3	25	59	22	0	0	1	0
RENO	55	27	61	23	41	1	.2	.1	.2	.4	82	1.3	50	92	33	0	5	2	0
WINNEMUCCA	53	25	62	22	39	1	T	-.1	T	.4	113	1.9	100	99	39	0	7	1	0
NH CONCORD	46	26	54	18	36	5	1.3	.7	1.2	2.6	181	5.4	81	86	42	0	4	2	1
NJ ATLANTIC CITY	57	33	62	24	45	5	.5	-.4	.4	1.7	79	5.4	61	80	33	0	4	2	0
NM ALBUQUERQUE	56	38	69	31	47	2	.6	.4	.5	.6	187	1.6	145	83	38	0	1	3	1
CLOVIS	57	37	75	29	47	1	T	-.1	T	T	9	1.6	114	79	38	0	2	1	0
ROSWELL	64	44	83	33	54	2	.1	0	.1	.1	56	.4	57	79	32	0	0	1	0
NY ALBANY	47	30	58	20	38	6	1.0	.3	1.0	2.9	191	4.9	79	84	47	0	4	2	1
BINGHAMTON	45	29	55	20	37	7	1.0	.4	.8	2.5	173	5.1	81	94	45	0	5	5	1
BUFFALO	45	31	58	23	38	6	.9	.2	.6	2.1	139	9.6	139	87	54	0	4	6	1
NEW YORK	54	38	59	31	46	6	.6	-.4	.5	1.2	60	3.8	46	74	36	0	2	2	0
ROCHESTER	47	31	60	21	39	7	.7	.1	.4	1.7	134	6.0	102	91	51	0	3	3	0
SYRACUSE	46	30	59	19	38	6	.7	0	.5	1.6	97	5.6	81	90	49	0	4	4	1
NC ASHEVILLE	62	35	77	24	49	3	T	-1.2	T	.1	2	7.8	80	76	29	0	3	1	0
CHARLOTTE	68	39	76	32	53	4	T	-1.1	T	T	0	9.3	91	72	23	0	1	0	0
GREENSBORO	65	36	71	28	50	3	T	-.9	T	T	1	8.2	91	64	21	0	2	0	0
HATTERAS	65	48	72	37	56	6	.3	-.6	.3	.9	41	10.8	98	84	39	0	0	3	0
NEW BERN	73	44	83	37	59	7	.3	-.6	.3	.4	17	7.9	79	67	25	0	0	1	0
RALEIGH	67	37	77	31	52	3	T	-.8	T	T	0	9.3	103	65	23	0	2	0	0
WILMINGTON	74	46	86	36	60	7	.3	-.7	.3	.4	20	7.5	81	80	23	0	0	1	0
ND BISMARCK	46	23	51	20	35	10	T	-.1	T	.4	132	.7	54	87	39	0	7	0	0
FARGO	43	28	47	24	35	13	.1	0	.1	.8	252	1.2	92	85	60	0	7	1	0
GRAND FORKS	43	32	50	30	38	17	.1	-.1	0	.4	138	1.1	69	85	59	0	5	2	0
WILLISTON	48	22	57	20	35	12	0	-.1	0	.1	22	.4	31	84	31	0	7	0	0
OH AKRON-CANTON	50	30	59	24	40	4	.8	.1	.5	1.4	83	4.5	70	84	44	0	5	5	0
CINCINNATI	56	34	64	28	45	5	1.5	.6	1.5	2.1	105	6.0	78	83	36	0	4	2	1
CLEVELAND	51	32	61	26	41	6	.4	-.3	.3	1.5	101	5.7	93	83	40	0	4	3	0
COLUMBUS	53	31	62	24	42	3	.7	0	.6	1.8	111	4.6	71	80	37	0	4	3	1

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending March 16, 1985

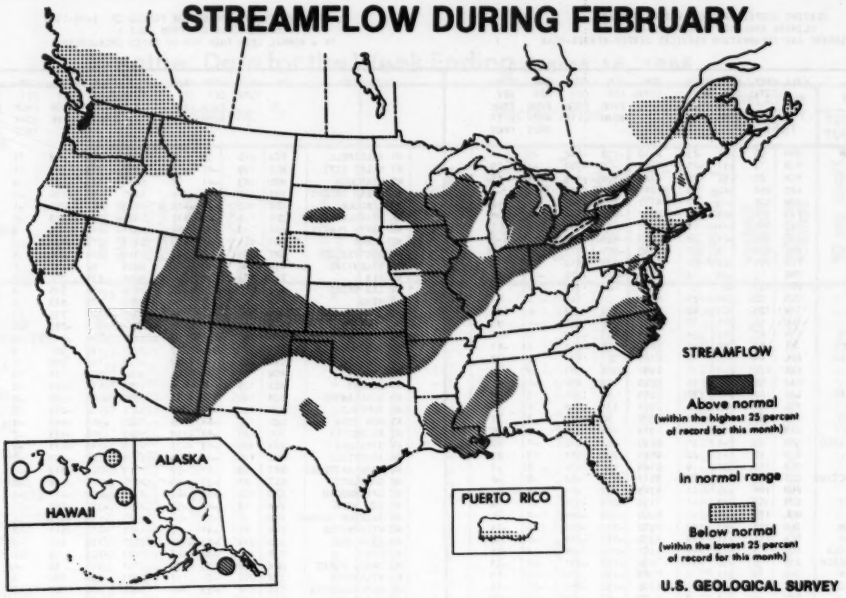
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24 HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	53	32	62	26	43	4	.9	.2	.9	2.0	131	5.8	94	80	41	0	4	2	1
TOLEDO	50	30	62	25	40	6	.4	-.2	.4	1.6	125	6.6	129	88	45	0	6	2	0
YOUNGSTOWN	49	31	57	23	40	6	1.1	.4	.7	2.1	132	4.2	65	88	47	0	4	2	1
OK OKLAHOMA CITY	60	44	72	34	52	4	.3	-.2	.2	1.9	187	6.6	200	83	48	0	0	3	0
TULSA	63	45	78	35	54	6	.6	-.1	.6	1.9	132	8.9	193	87	40	0	0	2	1
OR ASTORIA	53	30	57	27	42	-2	T	-1.7	T	1.4	36	6.2	27	86	54	0	5	0	0
BURNS	49	30	53	21	40	4	0	-.1	0	.6	394	1.3	130	--	--	0	5	0	0
MEDFORD	66	32	71	27	49	4	0	-.4	0	.3	33	2.2	33	96	32	0	5	0	0
PENDLETON	57	33	64	31	45	2	0	-.3	0	.4	59	2.2	63	75	33	0	2	0	0
PORTLAND	61	33	66	29	47	2	T	-.8	T	.4	18	2.2	18	93	40	0	2	0	0
SALEM	58	28	61	25	43	-1	0	-1.0	0	.2	8	3.9	28	95	42	0	7	0	0
PA ALLENTOWN	54	32	61	25	43	6	.4	-.4	.3	.7	38	3.9	47	75	27	0	4	3	0
ERIE	48	32	56	24	40	8	.7	0	.4	2.4	175	7.7	128	94	52	0	4	5	0
HARRISBURG	52	34	58	27	43	4	.3	-.5	.2	.5	27	4.5	60	72	29	0	4	2	0
PHILADELPHIA	56	35	60	27	45	4	.3	-.5	.2	.7	38	4.7	59	73	30	0	3	2	0
PITTSBURGH	51	32	58	24	41	4	.8	0	.5	1.5	81	4.3	61	89	41	0	4	3	0
SCRANTON	49	31	57	23	40	5	.8	.2	.7	1.0	81	3.2	57	80	35	0	4	4	1
RI PROVIDENCE	50	33	54	25	41	5	1.7	.7	1.6	2.8	127	5.7	57	77	35	0	4	2	1
SC CHARLESTON	73	49	85	45	61	5	.4	-.6	.4	.5	23	3.9	43	78	31	0	0	2	0
COLUMBIA	74	40	83	31	57	3	T	-1.2	T	T	0	10.4	94	85	22	0	1	1	0
FLORENCE	73	43	85	37	58	4	.1	-.9	.1	.1	3	7.1	78	83	19	0	0	1	0
GREENVILLE	68	43	78	35	55	5	T	-1.4	T	T	1	9.3	79	69	26	0	0	0	0
SD ABERDEEN	45	29	51	23	37	11	.1	-.1	.1	1.5	355	1.8	113	87	58	0	6	1	0
HURON	46	28	55	23	37	9	.1	-.2	.1	3.7	671	4.2	247	82	52	0	6	2	0
RAPID CITY	49	25	59	21	37	5	.1	-.1	.1	1.2	277	1.7	113	75	41	0	7	2	0
SIOUX FALLS	47	28	62	24	37	8	.2	-.1	.2	1.8	240	2.3	105	91	53	0	7	3	0
TN CHATTANOOGA	66	37	79	31	52	3	T	-1.4	T	.4	13	8.8	67	80	36	0	I	1	0
KNOXVILLE	64	33	75	26	48	0	.1	-1.2	.1	.8	28	8.2	70	92	36	0	5	2	0
MEMPHIS	66	49	73	39	57	7	.3	-.9	.3	.8	28	8.5	73	80	39	0	0	2	0
NASHVILLE	61	38	74	33	50	2	.3	-1.0	.1	1.0	36	7.2	63	90	37	0	0	5	0
TX ABILENE	62	47	82	39	55	0	.3	.1	.2	.5	108	2.5	104	85	47	0	0	2	0
AMARILLO	57	37	76	26	47	2	T	-.2	T	T	7	1.8	120	76	37	0	2	1	0
AUSTIN	69	57	84	50	63	4	.7	.3	.5	.7	84	4.2	84	92	62	0	0	3	1
BEAUMONT	76	61	84	54	68	8	.7	0	.4	1.2	80	11.5	122	98	67	0	0	3	0
BROWNSVILLE	76	63	83	56	70	2	.1	.1	.1	.4	139	2.4	77	92	67	0	0	3	0
CORPUS CHRISTI	73	62	83	55	68	3	1.6	1.5	1.4	1.6	381	7.1	197	98	70	0	0	3	1
DEL RIO	69	56	84	47	62	0	T	0	T	.1	40	1.8	106	87	55	0	0	2	0
EL PASO	67	42	83	34	55	0	.5	.4	.4	.5	265	1.6	160	86	30	0	0	2	0
FORT WORTH	68	51	88	42	60	5	1.2	.7	1.2	1.4	121	4.8	102	85	49	0	0	2	1
GALVESTON	67	59	73	53	63	2	6.4	6.0	4.1	6.6	610	14.9	233	97	80	0	0	3	2
HOUSTON	74	59	82	52	67	6	1.8	1.2	1.5	1.9	141	9.3	119	89	58	0	0	3	1
LUBBOCK	60	38	80	24	49	0	.1	-.1	.1	.1	29	.8	57	88	43	0	2	2	0
MIDLAND	64	46	87	39	55	1	.1	0	.1	.1	44	1.6	123	77	39	0	0	1	0
SAN ANGELO	66	49	90	41	58	1	.3	.1	.2	.5	141	1.6	89	89	52	1	0	3	0
SAN ANTONIO	71	57	84	48	64	3	2.1	1.9	1.0	2.2	336	6.8	166	93	61	0	0	4	2
VICTORIA	73	62	82	53	67	5	3.3	3.0	2.6	3.3	456	8.5	177	96	74	0	0	2	2
WACO	69	53	83	43	61	4	1.3	.9	.8	1.3	141	4.0	85	87	55	0	0	2	2
WICHITA FALLS	62	46	81	36	54	2	.5	.1	.4	1.3	157	5.0	179	88	51	0	0	2	0
UT BLANDING	51	34	56	26	42	4	.6	.4	.4	.6	131	2.2	81	93	53	0	4	3	0
CEDAR CITY	53	32	58	23	42	4	.1	-.2	0	.2	36	1.2	63	95	45	0	4	2	0
SALT LAKE CITY	47	32	55	30	39	0	.9	.5	.5	1.2	153	3.0	86	87	61	0	5	3	0
VT BURLINGTON	42	26	53	16	34	6	1.1	.6	.5	2.1	195	4.8	102	79	47	0	4	5	1
VA NORFOLK	63	43	75	34	53	5	T	-.9	T	.2	12	7.8	86	69	27	0	0	1	0
RICHMOND	63	37	71	24	50	4	.1	-.8	.1	.2	10	7.0	84	76	24	0	3	2	0
ROANOKE	61	36	67	24	48	3	.2	-.6	.2	.2	13	6.4	81	63	27	0	2	1	0
WA COLVILLE	51	23	58	19	37	1	0	-.3	0	.1	13	2.4	56	86	41	0	7	0	0
QUILLAYUTE	53	27	59	24	40	-2	T	-2.6	T	2.0	32	9.9	30	98	53	0	7	1	0
SEATTLE-TACOMA	54	34	63	32	44	0	T	-.8	T	.7	35	4.9	40	91	47	0	3	0	0
SPOKANE	50	25	58	21	37	0	0	-.3	0	.1	17	1.4	29	87	41	0	7	0	0
YAKIMA	58	27	63	25	43	2	0	-.1	0	.2	60	1.0	40	85	31	0	7	0	0
WV BECKLEY	52	28	58	20	40	0	.4	-.5	.3	1.0	47	5.3	60	87	36	0	5	3	0
CHARLESTON	58	33	64	24	46	2	1.1	.2	.7	2.2	106	7.5	87	81	34	0	4	4	1
HUNTINGTON	57	33	64	24	45	1	1.0	.1	.7	1.7	83	7.7	95	92	34	0	4	4	1
PARKERSBURG	55	34	61	25	44	3	1.8	.9	1.3	2.3	111	5.8	67	92	39	0	4	4	1
WI GREEN BAY	43	28	53	21	35	8	.9	.5	.8	1.6	185	4.8	155	87	58	0	6	2	1
LA CROSSE	49	29	58	24	39	10	.3	-.2	.2	1.0	118	3.2	119	89	46	0	5	2	0
MADISON	51	30	63	22	40	10	.2	-.3	.1	.9	92	4.2	135	83	47	0	5	2	0
MILWAUKEE	49	31	63	24	40	9	.1	-.4	.1	1.9	164	6.1	149	79	44	0	5	2	0
WAUSAU	44	26	54	18	35	10	1.0	.6	.9	1.9	228	3.2	119	87	49	0	6	2	1
WY CASPER	46	23	54	15	35	4	.1	-.1	.1	.4	78	1.8	120	89	40	0	7	2	0
CHEYENNE	48	22	53	14	35	4	T	-.2	T	.2	37	1.0	77	92	32	0	6	0	0
LANDER	50	27	57	23	38	7	0	-.2	0	.5	94	1.1	69	70	32	0	7	0	0
SHERIDAN	45	19	55	15	32	1	.1	-.2	.1	.2	50	1.4	70	88	36	0	7	1	0
PR SAN JUAN	82	70	83	69	76	-1	.1	-.4	.1	.7	66	5.9	95	80	56	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 3-16-1985
ACCUMULATIONS ARE FROM JULY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	55	-34	-23	2430	-138	-412	-5	-14
AL MOBILE	MOB	10	-37	-25	1565	-19	-369	-1	-19
AL MONTGOMERY	MGM	20	-50	-26	1784	-306	-415	-15	-19
AK ANCHORAGE	ANC	256	-42	69	7611	-836	-167	-10	-2
AK BARROW	BRW	526	-49	50	14177	-632	-932	-4	-6
AK FAIRBANKS	FAI	322	-89	48	10737	-996	-414	-8	-4
AK JUNEAU	JNU	203	-41	17	6485	-411	93	-6	1
AK KODIAK	ADQ	205	-24	28	5610	-819	-48	-13	-1
AK NOME	OME	429	13	159	9760	-855	-375	-8	-4
AZ FLAGSTAFF	FLG	199	-20	30	5592	138	612	3	12
AZ PHOENIX	PHX	13	-29	13	1084	-228	316	-17	41
AZ PRESCOTT	PRC	133	-27	31	3831	-23	578	-1	18
AZ TUCSON	TUS	36	-26	24	1539	1	165	0	12
AZ WINSLOW	INW	126	-20	28	3805	-258	88	-6	2
AZ YUMA	YUM	10	-15	10	877	-32	391	-4	80
AR FORT SMITH	FSM	67	-43	-34	3095	-13	-379	0	-11
AR LITTLE ROCK	LRI	54	-49	-55	2899	57	-346	2	-11
CA BAKERSFIELD	BFL	49	-10	-2	2165	327	471	18	28
CA EUREKA	EKA	112	-7	34	2991	-308	603	-9	25
CA FRESNO	FAT	58	-21	16	2226	-28	494	-1	29
CA LOS ANGELES	LAX	60	4	27	1205	52	386	5	47
CA RED BLUFF	RBL	61	-23	-11	2361	134	298	6	14
CA SACRAMENTO	SAC	85	0	32	2332	60	553	3	31
CA SAN DIEGO	SAN	27	-16	15	914	-44	434	-5	90
CA SAN FRANCISCO	SFO	83	-1	34	2230	-81	662	-4	42
CA STOCKTON	SCK	80	-3	28	2546	292	544	13	27
CO DENVER	DEN	162	-34	8	5185	404	-31	8	-1
CO GRAND JUNCTION	GJT	126	-42	12	4511	-491	-88	-6	-2
CO PUEBLO	PUB	144	-35	17	4745	222	-51	5	-1
CT BRIDGEPORT	BDR	153	-42	-91	4136	-269	-339	-6	-8
CT HARTFORD	BDL	170	-36	-103	4866	-228	-291	-4	-6
DE WILMINGTON	ILG	117	-53	-120	3832	-334	-646	-8	-14
DC WASHINGTON	DCA	111	-31	-69	3375	-177	-218	-5	-6
FL APALACHICOLA	AQQ	5	-37	-44	1164	-157	-394	-12	-25
FL DAYTONA BEACH	DAB	0	-30	-31	692	-156	-341	-18	-33
FL FORT MEYER	FMY	0	-11	0	305	-128	-73	-30	-19
FL JACKSONVILLE	JAX	9	-33	-29	1196	-130	-258	-10	-18
FL KEY WEST	EYW	0	-1	0	59	-57	-19	-49	-24
FL MIAMI	MIA	0	-3	0	228	33	42	17	23
FL ORLANDO	MCO	0	-18	-8	636	-3	-86	0	-12
FL TALLAHASSEE	TLH	7	-38	-36	1241	-286	-432	-19	-26
FL TAMPA	TPA	0	-23	-6	585	-128	-129	-18	-18
FL WEST PALM BEACH	PBI	0	-8	-1	310	48	24	18	8
GA ATLANTA	ATL	48	-46	-47	2409	-275	-477	-10	-17
GA AUGUSTA	AGS	40	-42	-44	1970	-358	-416	-15	-17
GA MACON	MCN	44	-29	-25	1944	-157	-208	-7	-10
GA SAVANNAH	SAV	30	-29	-24	1554	-234	-230	-13	-13
HI HILO-HAWAII	ITO	0	0	0	0	0	0	**	**
HI HONOLULU-OAHU	HNL	0	0	0	0	0	0	**	**
HI KAHULUI-MAUI	OGG	0	0	0	0	0	0	**	**
HI LIHUE-KAUAI	LIH	0	0	0	1	1	1	**	**
ID BOISE	BOI	198	28	53	5830	1187	655	26	13
ID LEWISTON	LWS	149	-11	26	4844	469	560	11	13
ID POCATELLO	PIH	288	75	111	6735	1114	550	20	9
IL CHICAGO	ORD	170	-42	-97	5623	303	-148	6	-3
IL MOLINE	MLI	156	-60	-106	5453	-23	-135	0	-2
IL PEORIA	PIA	152	-52	-108	5124	-130	-220	-2	-4
IL QUINCY	UIN	144	-49	-87	4893	-28	-164	-1	-3
IL ROCKFORD	RFD	173	-56	-104	5801	21	-235	0	-4
IL SPRINGFIELD	SPI	136	-52	-116	4814	6	-344	0	-7
IN EVANSVILLE	EVV	106	-52	-75	3986	-109	-336	-3	-8
IN FORT WAYNE	FWA	156	-52	-114	4878	-351	-438	-7	-8
IN INDIANAPOLIS	IND	149	-35	-75	4567	-200	-436	-4	-9
IN SOUTH BEND	SBN	177	-40	-97	5028	-206	-403	-4	-7
IA DES MOINES	DSM	166	-55	-99	5572	20	-162	0	-3
IA DUBUQUE	DBQ	170	-73	-124	5938	-190	-321	-3	-5
IA SIOUX CITY	SUX	165	-65	-108	5683	-206	-349	-3	-6
IA WATERLOO	ALO	173	-74	-129	6121	-185	-345	-3	-5
KS CONCORDIA	CNK	140	-46	-50	4963	199	-114	4	-2
KS DODGE CITY	DDC	135	-35	-19	4325	39	-173	1	-4
KS GOODLAND	GLD	156	-48	-15	5073	104	-237	2	-4
KS TOPEKA	TOP	124	-48	-58	4637	63	-108	1	-2
KS WICHITA	ICT	110	-49	-44	4194	49	-370	1	-8
KY BOWLING GREEN	BWG	114	-29	-40	3700	-49	-373	-1	-9
KY LEXINGTON	LEX	133	-29	-38	4009	-95	-238	-2	-6
KY LOUISVILLE	SDF	122	-30	-60	3783	-120	-371	-3	-9
LA ALEXANDRIA	AEX	21	-37	-2	1668	-156	-397	-9	-19
LA BATON ROUGE	BTR	10	-35	-14	1531	-42	-373	-3	-20
LA LAKE CHARLES	LCH	13	-34	1	1486	1	-85	0	-5
LA NEW ORLEANS	MSY	11	-34	-16	1369	-37	-355	-3	-21
LA SHREVEPORT	SHV	31	-38	-14	1918	-168	-641	-8	-25
ME CARIBOU	CAR	242	-52	-137	7351	-267	-90	-4	-1
ME PORTLAND	PWM	199	-39	-97	5846	-253	-40	-4	-1
MD BALTIMORE	BWI	128	-31	-84	3662	-312	-676	-8	-12
MD SALISBURY	SBY	116	-36	-53	3519	-178	191	-5	6
MA BOSTON	BOS	160	-34	-103	4479	-23	-39	-1	-1
MA CHATHAM	CHH	168	-34	-88	4223	-293	-221	-6	-5
MI ALPENA	APN	221	-56	-102	6350	-239	-246	-4	-4
MI DETROIT	DTW	168	-51	-104	5218	-143	-426	-3	-8
MI FLINT	FNT	182	-58	-103	5342	-359	-551	-6	-9
MI GRAND RAPIDS	GRR	196	-37	-70	5455	-156	-306	-3	-5
MI HOUGHTON LAKE	HTL	228	-46	-98	6281	-319	-275	-5	-4
MI LANSING	LAN	194	-40	-90	5705	33	-349	1	-6
MI MARQUETTE	MQT	255	-48	-114	7390	-75	-95	-1	-1
MI MUSKEGON	MKG	208	-26	-75	5502	-32	-237	-1	-4
MI SAULT ST MARIE	SSM	266	-32	-91	7196	-47	-132	-1	-2
MN ALEXANDRIA	AXN	225	-74	-122	7490	-58	-20	-1	0
MN DULUTH	DLH	221	-85	-147	7623	-265	-51	-3	-1
MN INT'L FALLS	INL	261	-63	-137	8638	36	188	0	2
MN MINNEAPOLIS	MSP	200	-64	-117	6665	-14	-253	0	-4
MN ROCHESTER	RST	193	-78	-126	6744	-89	-378	-1	-5
MN SAINT CLOUD	STC	213	-76	-121	7241	-151	-163	-2	-2
MS GREENWOOD	GWO	38	-48	-24	2351	-122	-294	-5	-11
MS JACKSON	JAN	24	-50	-10	2101	-88	-421	-4	-17
MS MERIDIAN	MEI	18	-59	-32	1921	-338	-670	-15	-26
MO CAPE GIRARDEAU	CGI	106	-36	-54	3862	1	-290	0	-7
MO COLUMBIA	COU	135	-38	-74	4536	81	-204	2	-4
MO KANSAS CITY	MCI	141	-34	-66	4790	251	-194	6	-4
MO SAINT LOUIS	STL	119	-44	-85	4177	-82	-257	-2	-6
MO SPRINGFIELD	SGF	117	-35	-12	3993	4	-152	0	-4
MT BILLINGS	BIL	193	-34	-18	6334	599	899	10	17
MT GLASGOW	GGW	195	-89	-116	7609	311	803	4	12
MT GREAT FALLS	GTF	187	-66	-74	6825	710	801	12	13
MT HAVRE	HVR	188	-79	-114	7617	596	847	8	13
MT HELENA	HLN	203	-39	1	7150	707	872	11	14
MT KALISPELL	FCA	270	30	81	7307	720	805	11	12
MT MILES CITY	MLS	199	-47	-61	7187	713	982	11	16
MT MISSOULA	MSO	183	-41	17	6441	246	167	4	3
NE GRAND ISLAND	GPI	150	-65	-74	5430	-38	-196	-1	-3
NE LINCOLN	LNK	162	-49	-72	5368	-55	-224	-1	-4
NE NORFOLK	OFK	165	-67	-111	5627	-278	-378	-5	-6
NE NORTH PLATTE	LBF	168	-54	-43	5921	240	-16	4	0
NE OMAHA	OMA	158	-47	-99	5371	77	-454	1	-8
NE SCOTTSBLUFF	BFF	181	-33	11	5719	305	204	6	4
NE VALENTINE	VTN	186	-57	-42	6059	52	-111	1	-2
NV ELY	ELY	188	-39	-1	6297	431	755	7	14
NV LAS VEGAS	LAS	56	-18	23	2416	170	515	8	27
NV RENO	RNO	168	-7	44	4745	76	683	2	17
NV WINNEMUCCA	WMC	178	-11	32	5710	730	799	15	16
NH CONCORD	CON	200	-38	-105	5710	-316	-288	-5	-5
NJ ATLANTIC CITY	ACY	139	-36	-82	3820	-334	-447	-8	-10
NM ALBUQUERQUE	ABQ	122	-15	37	3967	187	351	5	10
NM CLOVIS	CVS	125	-9	42	3656	165	206	5	6
NM ROSWELL	ROW	81	-11	26	3099	277	128	10	4
NY ALBANY	ALB	185	-44	-129	5194	-470	-569	-8	-10
NY BINGHAMTON	BGM	195	-60	-111	5366	-508	-286	-9	-5
NY BUFFALO	BUF	190	-43	-100	5276	-162	-293	-3	-5
NY NEW YORK	LGA	131	-44	-106	3689	-363	-446	-9	-11
NY ROCHESTER	ROC	180	-51	-117	5047	-359	-433	-7	-8
NY SYRACUSE	SYR	188	-43	-131	5328	-148	-531	-3	-9
NC ASHEVILLE	AVL	114	-23	-29	3508	-122	-270	-3	-7
NC CAPE HATTERAS	HAT	58	-47	-78	2047	-229	-312	-10	-13
NC CHARLOTTE	CLT	81	-33	-40	2776	-178	-346	-6	-11
NC GREENSBORO	GSO	102	-28	-43	3157	-212	-411	-6	-12
NC NEW BERN	EWN	48	-48	-55	2200	-333	-260	-13	-11
NC RALEIGH DURHAM	RDU	91	-32	-50	2921	-176	-338	-6	-10
NC WILMINGTON	ILM	45	-31	-55	1816	-410	-513	-18	-22
ND BISMARCK	BIS	212	-73	-131	7622	176	347	2	5
ND FARGO	FAR	207	-92	-148	7603	-109	6	-1	0
ND GRAND FORKS	GFK	190	-123	-193	7751	-345	56	-4	1
ND WILLISTON	ISN	207	-84	-137	7953	392	742	5	10
OH AKRON-CANTON	CAK	174	-33	-85	5008	-92	-87	-2	-2
OH CLEVELAND	CLE	163	-44	-96	4983	-42	-354	-1	-7
OH COLUMBUS	CMH	159	-24	-76	4672	-80	-320	-2	-6
OH CINCINNATI	CVG	136	-35	-73	4254	-187	-580	-4	-12
OH DAYTON	DAY	155	-33	-84	4839	74	-399	2	-8
OH TOLEDO	TOL	170	-47	-107	5282	-100	-460	-2	-8
OH YOUNGSTOWN	YNG	175	-42	-90	5126	-194	-266	-4	-5
OK OKLAHOMA CITY	OKC	91	-29	-16	3415	116	-162	4	-5
OK TULSA	TUL	78	-41	-21	3334	17	-59	1	-2
OR ASTORIA	AST	163	16	55	4098	324	474	9	13
OR BURNS	BNW	173	-30	-20	6685	1310	320	24	5
OR MEDFORD	MFR	113	-27	7	3782	14	308	0	9
OR PENDLETON	PDT	138	-14	17	4851	622	486	15	11
OR PORTLAND	PDX	125	-12	36	3674	77	442	2	14
OR SALEM	SLE	151	7	44	4050	320	758	9	23
PA ALLENTOWN	ABE	150	-44	-101	4343	-471	-556	-10	-11
PA ERIE	ERI	174	-55	-90	4880	-453	-227	-8	-4
PA HARRISBURG	CXY	152	-27	-86	3998	-472	-854	-11	-18
PA PHILADELPHIA	PHL	138	-32	-101	3901	-250	-460	-6	-11
PA PITTSBURGH	PIT	163	-31	-85	4679	-243	-426	-5	-8
PA SCRANTON	AVP	173	-38	-99	4724	-422	-421	-9	-8
RI PROVIDENCE	PVD	164	-37	-78	4515	-237	-18	-5	0
SC CHARLESTON	CHS	35	-35	-31	1816	-147	-65	-7	-3
SC COLUMBIA	CAE	55	-29	-39	2268	-116	-359	-5	-14
SC FLORENCE	FLO	51	-34	-48	2294	-24	-162	-1	-7
SC GREENVILLE	GSP	66	-44	-38	2664	-203	-502	-7	-16
SD ABERDEEN	ABR	195	-79	-115	7047	-59	135	-1	2
SD HURON	HON	195	-66	-90	6477	-256	-27	-4	0
SD RAPID CITY	RAP	195	-40	-28	5984	139	187	2	3
SD SIOUX FALLS	FSD	193	-61	-121	6305	-262	-394	-4	-6
TN CHATTANOOGA	CHA	92	-23	-26	3018	-137	-394	-4	-12
TN KNOXVILLE	TYS	114	-5	-13	3314	94	-185	3	-5
TN MEMPHIS	MEM	57	-49	-27	2706	-177	-347	-6	-11
TN NASHVILLE	BNA	105	-20	-26	3314	6	-229	0	-6
TX ABILENE	ABI	76	-3	33	2606	225	-32	9	-1
TX AMARILLO	AMA	124	-13	19	3735	115	-260	3	-7
TX AUSTIN	AUS	33	-19	22	1620	-27	-202	-2	-11
TX BROWNSVILLE	BRO	9	-5	9	679	82	-177	14	-21
TX CORPUS CHRISTI	CRP	17	-7	17	1038	106	-205	11	-16
TX DEL RIO	DRT	31	-5	24	1582	137	-112	9	-7
TX EL PASO	ELP	71	-5	43	2590	147	324	6	14
TX FORT WORTH	DFW	49	-20	3	2311	196	-304	9	-12
TX GALVESTON	GLS	23	-15	12	1284	107	-86	9	-6
TX HOUSTON	IAH	19	-24	10	1432	-23	-307	-2	-18
TX LUBBOCK	LBB	112	1	38	3128	21	-38	1	-1
TX MIDLAND ODESSA	MAF	76	-6	37	2703	282	61	12	2
TX BEAUMONT	BPT	8	-34	1	1186	-209	-328	-15	-22
TX SAN ANGELO	SJT	63	-4	30	2401	268	-69	13	-3
TX SAN ANTONIO	SAT	34	-10	28	1556	42	-262	3	-14
TX VICTORIA	VCT	20	-15	18	1209	0	-223	0	-16
TX WACO	ACT	38	-24	10	2037	77	-282	4	-12
TX WICHITA FALLS	SPS	77	-19	6	2917	193	-142	7	-5
UT BLANDING	4BL	156	-32	10	4899	-28	255	-1	5
UT CEDAR CITY	CDC	157	-29	11	4885	144	343	3	8
UT SALT LAKE CITY	SLC	177	-5	43	5114	394	333	8	7
UT BURLINGTON	BTV	215	-45	-141	5944	-467	-284	-7	-4
VA LYNCHBURG	LYH	110	-33	-51	3265	-443	-535	-12	-14
VA NORFOLK	ORF	85	-38	-61	2796	-168	-248	-6	-8
VA RICHMOND	RIC	106	-27	-64	3175	-269	-526	-8	-14
VA ROANOKE	ROA	115	-25	-42	3358	-334	-446	-9	-12
WA COLVILLE	63S	194	-6	35	6268	563	677	10	12
WA QUILLAYUTE	UIL	174	13	47	4555	254	391	6	9
WA SEATTLE-TACOMA	SEA	145	-2	32	4082	236	511	6	14
WA SPOKANE	GEG	193	-5	39	6132	691	860	13	16
WA WALLA WALLA	ALW	121	-18	26	4616	688	594	18	15
WA YAKIMA	YKM	153	-13	12	5547	670	796	14	17
WV BECKLEY	BKW	174	-1	-17	4261	-348	-578	-8	-12
WV CHARLESTON	CRW	133	-16	-34	3673	-326	-372	-8	-9
WV HUNTINGTON	HTS	136	-11	-23	3885	-101	-276	-3	-7
WV PARKERSBURG	PKB	143	-18	-47	3984	-205	-249	-5	-6
WI GREEN BAY	GRB	206	-60	-95	6330	-269	-280	-4	-4
WI LACROSSE	LSE	179	-71	-124	6368	65	-186	1	-3
WI MADISON	MSN	172	-75	-114	6132	-152	-320	-2	-5
WI MILWAUKEE	MKE	171	-68	-100	5675	-179	-135	-3	-2
WI WAUSAU	AUW	208	-70	-117	6696	-294	-197	-4	-3
WY CASPER	CPR	211	-28	16	6629	659	399	11	6
WY CHEYENNE	CYS	207	-30	21	6263	653	241	12	4
WY LANDER	LND	187	-50	-31	6501	250	-406	4	-6
WY SHERIDAN	SHR	228	-12	33	7118	936	1090	15	18



MOST OF NATION HAS WET FEBRUARY, STILL DRY IN PARTS OF EAST AND NORTHWEST

The U.S. Geological Survey (USGS), Department of the Interior, reported that flows of most of the Nation's streams were average to well-above average for February, while well-below average flows persisted in parts of the Northeast and the far Northwest.

Working in cooperation with State and local agencies, the USGS routinely gathers data on the quantity and quality of the nation's surface- and ground-water resources at more than 65,000 sites across the country.

USGS hydrologists said that 82 perent of the key index stream-gaging stations reported average to well-above-average flows. Of the 174 stations, 34 percent (60 stations) reported well-above-average flows, 48 percent (83 stations) reported average flows, and only 18 percent (31 percent) reported well-below average flows for February.

Those Western States that continue to report persistent low streamflows include California, Oregon, Washington, Idaho, Montana, Wyoming, and Nebraska. In the East, well-below-normal flows were reported in parts of Pennsylvania, New York, New Jersey, Connecticut, Rhode Island, Massachusetts, Maine, and Florida. Hawaii and Puerto Rico also reported below-average flows.

In contrast to the dry conditions reported in parts of the country, moderate to severe flooding occurred in a broad band extending from Oklahoma and Nebraska northeastward through the Great Lakes States. The most severe flooding occurred in Indiana, Michigan, Ohio, and New York. Flood flows with recurrence intervals greater than 100 years occurred in Indiana. This means that on a long-term average, flows of this magnitude have less than a one percent chance of occurring in any given year.

The combined flow of the Nation's three major rivers (Mississippi, St. Lawrence, and Columbia) were slightly above average for February, reflecting the generally wet conditions across the country. The combined flow for February was about 659 billion gallons per day (bgd), about one percent above the long-term average. Although the Mississippi and St. Lawrence rivers both had above-average flows for the month, the flow of the Columbia River, which was 27 percent below average, reflected the continuing dry conditions in the Northwest.

Selected highlights of February water conditions include:

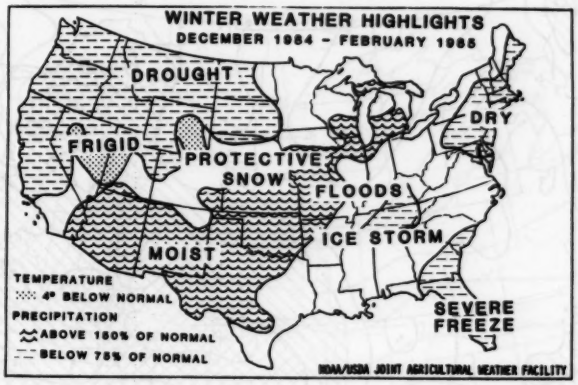
*BIG FIVE RIVERS: The individual flows of five of the Nation's large rivers for February: Mississippi River at Vicksburg, MS, 444.4 bgd, 2 percent above average but 27 percent below January's flow; St. Lawrence River near Massena, NY, 165.8 bgd, 10 percent above average and 12 percent above January's flow; Ohio River at Louisville, KY, 123.8 bgd, 9 percent above average and 66 percent above January's flow; Missouri River at Hermann, MO, 79.9 bgd, 151 percent above average and 38 percent above January's flow; and the Columbia River at The Dalles, OR, 49 bgd, 27 percent below average but 4 percent above January's flow.

*NEW YORK: Spring-like temperatures, snowmelt, and precipitation caused sharply rising streamflows during the last week of February at many locations throughout western New York. Flow of the West Branch Oswegatchie River near Harrisville was well-above average for the third straight month--417 million gallons per day (mgd), 83 percent above the long-term average. In contrast, flow of Wappinger Falls in the southeast was well-below average for the fifth straight month--72 mgd, 65 percent below the long-term average. Groundwater levels were generally below average for February in most of New York. Water levels in wells in southeastern New York were especially low where well levels ranged from 3 to 12 feet below average.

*INDIANA: The combination of rain and melting snow caused streams across Indiana to rise rapidly at the end of February. The most significant flooding occurred in northern Indiana. Both the Eel and Tippecanoe rivers had flood flows with greater than 100-year recurrence intervals. The February flow of the Eel at Logansport was the highest in 41 years of record, and the flow of the Tippecanoe River near Ora was the highest.

*MINNESOTA: Streamflows were generally average to above average in Minnesota. however, streams in west-central Minnesota continued to report well-above average flows, and some reported new record or near-record high flows for the month. Flow of the Pomme de Terre River at Appleton averaged 45.8 mgd, which tied the previous record-high. February flow set in 1966. Storage at the end of the month in the Mississippi River Headwater Reservoir System was about 10 percent below average, 18 percent less than that of last year and 16 percent of full capacity.

WINTER WEATHER REVIEW
December 1984, January and February 1985

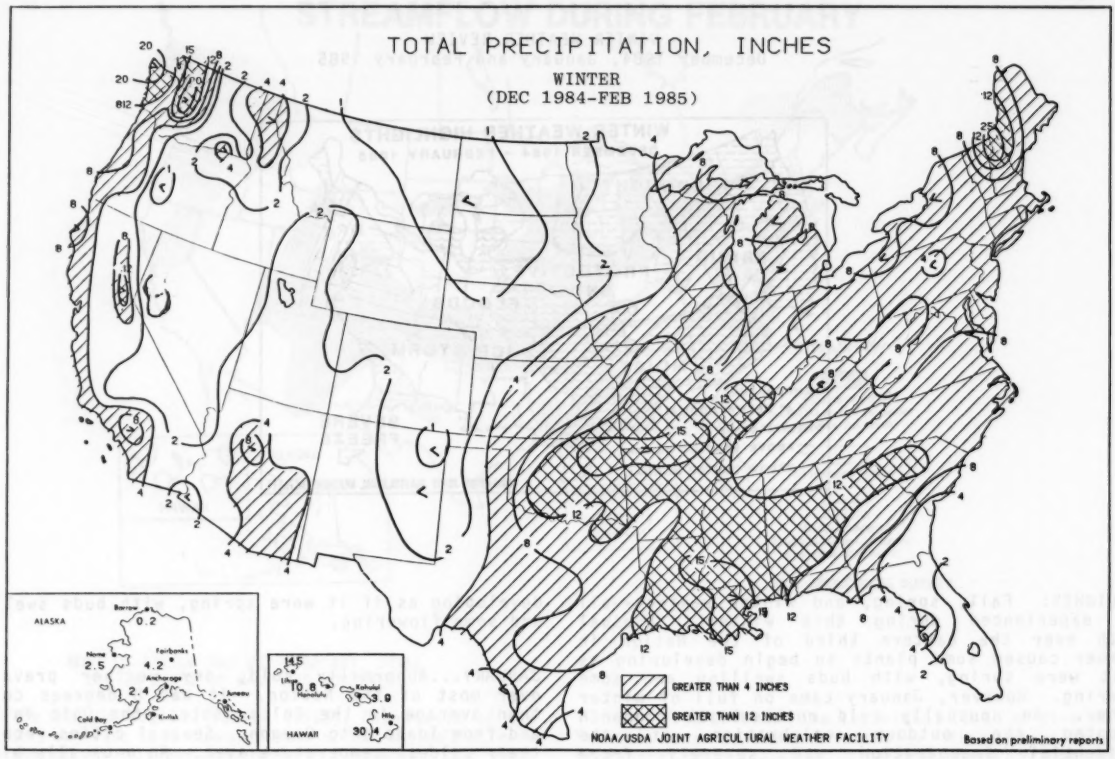


HIGHLIGHTS: Fall, spring, and winter weather--all were experienced during this winter. Unusual warmth over the eastern third of the Nation in December caused some plants to begin developing as if it were spring, with buds swelling and some flowering. However, January came on full of winter weather. An unusually cold outbreak at midmonth prevented the outdoor celebration of the Presidential Inaugaration and severely froze Florida's citrus and vegetables on the 21st-23rd. Except in the deep South, snow covered most of the Nation with a protective blanket, and kept it over most of the winter grains until the weather broke in mid-February. January ice storms stopped transportation, downed trees and power lines, and caved in many roofs. The Nation warmed rapidly in the last half-month of the season. Heavy rain, accompanied by melting snow, caused flooding of many streams from the central Plains to the Great Lakes. Average precipitation for the season was well above normal from the Southwest to the southern Plains and northeastward through the Great Lakes. The northern Plains, the Northwest, and most of the eastern quarter of the Nation was dryer than normal. Reservoir levels were unusally low in parts of the Northeast. Rain was not nearly enough for Florida's replanted vegetables; and ground water in wells was sinking fast.

DECEMBER...Sharply contrasting weather prevailed across the Nation during the month. Unusual wetness, over double the normal precipitation, blanketed a large area from the Southwest to the southern Plains and into the western Great Lakes region. More than eight inches was dumped in northeastern Texas and from central Oklahoma to western Kentucky. In contrast, unseasonal dryness dominated the East Coast, the Southeast, and the Northwest. Most of Florida was exceptionally dry, receiving less than a quarter inch of rain, which is less than 10 percent of normal. Temperatures were equally abnormal: unusually warm over the eastern third of the Nation and relatively cold over most of the western States. Eastern plants began developing as if it were spring, with buds swelling and some flowering.

JANUARY...Abnormally cold, dry weather prevailed over most of the Nation. It was 8 degrees colder than average in the Delta States, the Ohio Valley, and from Idaho into Oregon. Several cities recorded their coldest temperature ever. An unusually bitter cold outbreak prevented the outdoor Presidential Inaugaration and severely froze most of Florida's citrus and vegetables on the 21st-23rd. A week later, heavy snow and ice was dumped across a wide strip from Arkansas to Alabama and northward into West Virginia. Thick ice stopped transportation and toppled trees, power lines, and roofs in northern Alabama. Ample snowcover protected most winter wheat fields from the bitter cold which pushed as far south as Texas, but the snowcover began to recede by the end of the month. The Nation was relatively dry, especially in the Pacific Northwest, parts of the northern Plains, and the east coast where precipitation was less than 25 percent of normal.

FEBRUARY...The full fury of winter prevailed over the Nation during the first half of the month. Freezing temperatures reached into the Gulf of Mexico, and frost nipped at orchards in southern California and Arizona. Snowcover reached into most of Arizona and New Mexico, north central Texas, central Mississippi, through the Appalachians, and the Northeast. The Nation warmed rapidly after midmonth, and rain deluged areas from central Oklahoma and northeastern Arkansas to central Missouri; heavy rain fell from central Texas to the St. Lawerence Valley. The rain, combined with melting snow, caused serious flooding. Most streams in these areas overflowed their banks, and standing water filled the low places. Florida, the northern Plains, and much of the West recorded well below normal precipitation. As the month ended, another cold outbreak pushed into the northern Plains and brought chilling temperatures, high winds, and snow.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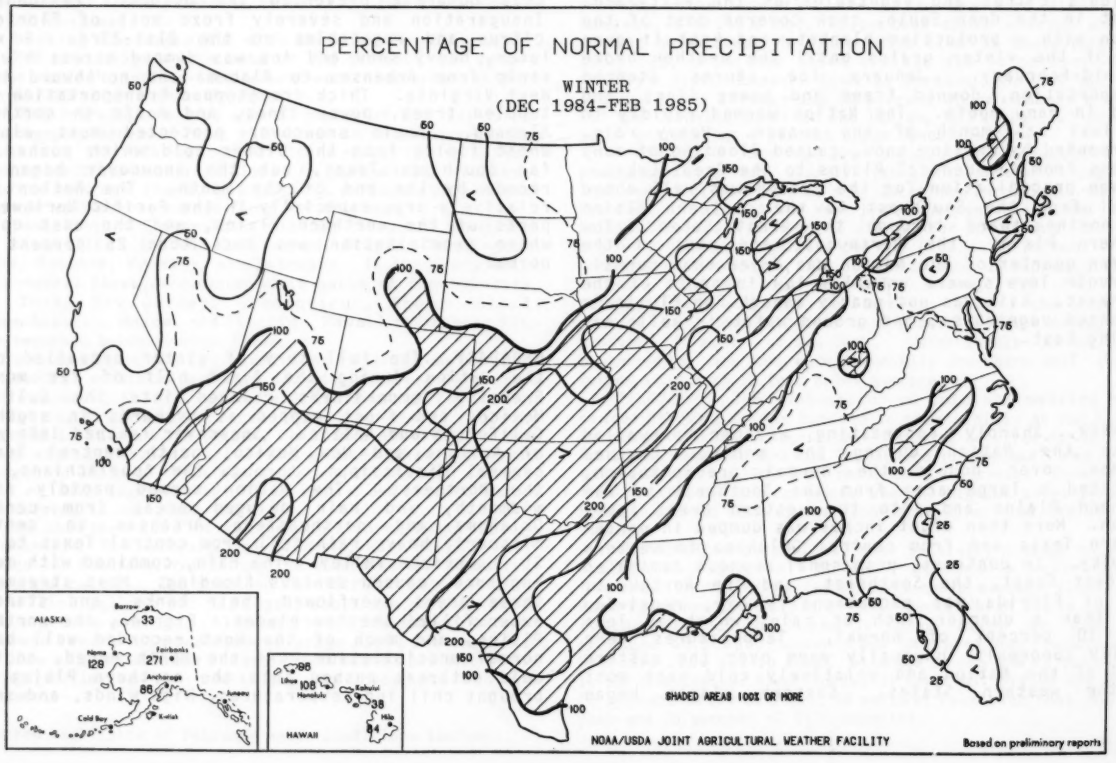
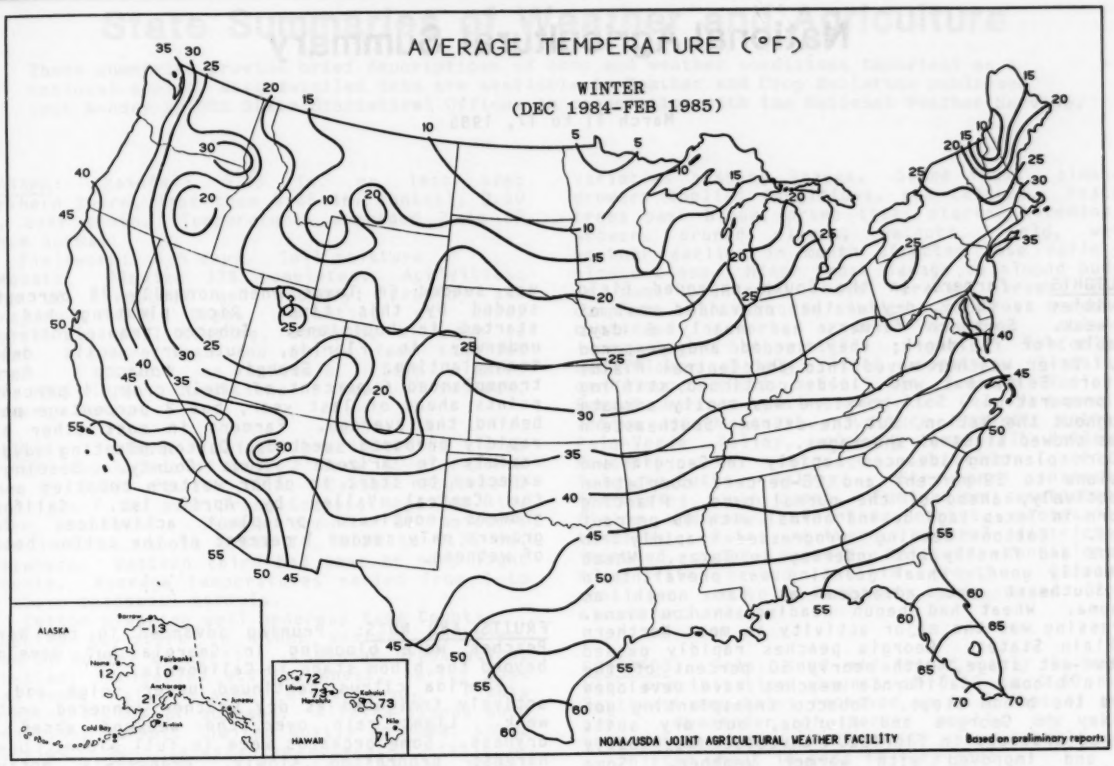
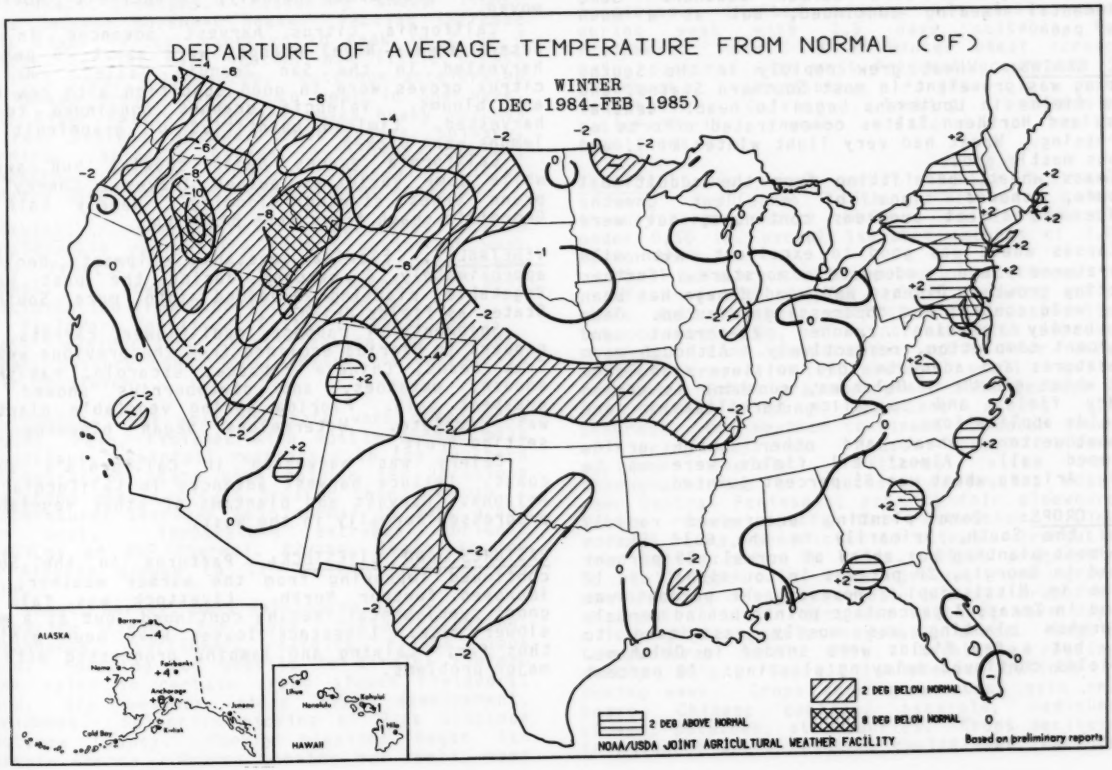
WINTER
(DEC 1984-FEB 1985)
GREATER THAN 4 INCHES
GREATER THAN 12 INCHES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports
ALASKA
HAWAII


PERCENTAGE OF NORMAL PRECIPITATION
WINTER
(DEC 1984-FEB 1985)
SHADED AREAS 100% OR MORE
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports
ALASKA
HAWAII


AVERAGE TEMPERATURE (°F)
WINTER
(DEC 1984-FEB 1985)
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
WINTER
(DEC 1984-FEB 1985)
ALASKA
HAWAII
2 DEG ABOVE NORMAL
2 DEG BELOW NORMAL
0
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

National Agricultural Summary

March 11 to 17, 1985

HIGHLIGHTS: Farmers in the South expanded field activities as sunny, dry weather prevailed most of the week. Southern farmers had nearly 6 days suitable for fieldwork; they seeded and prepared land. Drier weather moved into the Central Plains and Corn Belt, but wet fields continued stifling land preparation. Soil moisture was mostly adquate throughout the Nation, but the extreme Southeastern States showed signs of shortages.

Corn planting advanced rapidly in Georgia and Louisiana to 39-percent and 28-percent completion respectively, ahead of the normal pace. Planting of corn in Texas lags behind normal with 19 percent seeded. Cotton seeding progressed rapidly in Arizona and finally got underway in Texas. Wheat was mostly good. Wheat jointing was prevalant in the Southeast and advanced as far north as Oklahoma. Wheat had begun heading in Louisiana. Topdressing was the major activity in most Northern and Plain States. Georgia peaches rapidly passed the bud-out stage, with nearly 50 percent of the crop in bloom. California peaches have developed beyond the bloom stage. Tobacco transplanting got underway in Georgia and Florida, but dry soils hampered progress in Florida. Livestock was mostly good and improved with warmer weather. Some supplemental feeding continued, but at a much lesser pace.

SMALL GRAINS: Wheat grew rapidly in the South. Jointing was prevelant in most Southern States, and a few fields in Louisiana began to head. Central Plains and Northern States concentrated efforts on topdressing. Wheat had very light winter kill, and is thus mostly good.

Texas wheat, benefitting from the addditional moisture, showed signs of excellent growth. Disease and insect problems continued, but were minor.

Kansas wheat was good to excellent, with mild temperatures and adequate moisture further promoting growth. Disease and wind damage has been light; weed control and topdressing advanced. Oats and barley seeding reached 25-percent and 40-percent completion, respectively. Although warm temperatures and adequate soil moisture stimulated rapid wheat growth in Oklahoma, sunshine is needed to dry fields and to allow fertilization and herbicide applications.

Southwestern wheat and other small grains developed well. Almost all fields were up to stand. Arizona wheat was 65 percent jointed.

OTHER CROPS: Corn planting progressed rapidly across the South, primarily in the Gulf States where most planting was ahead of normal: 39 percent planted in Georgia, 28 percent in Louisiana, and 17 percent in Mississippi. However, 19 percent was planted in Texas, 7 percentage points behind normal.

Sorghum planting was mostly restricted to Texas, but a few fields were seeded in Oklahoma. Wet fields continued delaying planting: 14 percent was seeded in Texas when normally 28 percent is seeded by this time. Rice planting had just started in Louisiana. Tobacco transplanting got underway in Florida, but dry soils delayed transplanting. Georgia tobacco farmers transplanted 6 percent of their crop, 4 percentage points ahead of last year, but 2 percentage points behind the average. Farmers in most other areas rapidly prepared seedbeds. Cotton planting advanced rapidly in Arizona's Yuma County. Seeding is expected to start in other western counties and in the Central Valley by April 1st. California growers continued pre-plant activities. Texas growers only seeded 1 percent of the cotton because of wetness.

FRUITS AND NUTS: Pruning advanced in the North. Peaches were blooming in Georgia but developed beyond the bloom stage in California.

Florida citrus continued under seige and was actively irrigated as dry weather lingered another week. Light rain over the weekend eased the dryness. Some orchards were in full bloom. Orange harvest progressed slowly, grapefruit actively moved.

California citrus harvest advanced in the desert area. Navel oranges were about 75 percent harvested in the San Joaquin Valley. Arizona citrus groves were in good condition with new buds and blooms. Valencia oranges continued to be harvested. Limited quantities of grapefruit and lemons were picked.

California grapes began showing bud swell, while some varieties pushed leaves. Cherry and prune trees started blooming. Nearly half of Georgia's peach trees were blooming.

VEGETABLES: Florida vegetable shipments declined approximately 4 percent during the past week. Vegetable planting expanded into more Southern States as fields dried.

Shipments of cabbage, cauliflower, carrots, and peppers in Florida declined from the previous week. Snap beans, Chinese cabbage, escarole, radishes, squash, potatoes, and strawberries showed the greatest gain. Florida spring vegetable planting was complete. Watermelons began blooming and setting fruit.

Celery was harvested in California's south coast. Lettuce harvest advanced in California and Arizona. Harvest and planting of other vegetables progressed normally in the West.

PASTURES AND LIVESTOCK: Pastures in the South continued improving from the warmer weather, and improved further North. Livestock was fair to good; supplemental feeding continued, but at a much slower pace. Livestock losses have been minimal thus far. Calving and lambing progressed with no major problems.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.05 in. or less over northern third, less than 0.25 in. central, 0.50 in. over south. Temperatures averaged 2 to 6° above normal.

Fieldwork: 5.9 days. Soil moisture adequate. Plowing 37% completed. Activities: Care of livestock and poultry; pruning and spraying fruit trees; planting of corn, vegetables; soil testing, applying nitrogen to wheat. Pasture feed and stored feed supplies short. Fieldwork on schedule. Corn planted 16%, 23% 1984. Conditions: Wheat, livestock, pastures fair.

ARIZONA: Almost daily precipitation over eastern two-thirds of State. Snow level reached down to 5,000 ft. on 15th. Payson received 2 in.; 3 to 7 in. over Grand Canyon, Mogollon Rim, White Mountains. Weekly amounts of moisture over 1.00 in. above 6,000 ft, 0.25 to 0.75 in. elsewhere. Western third had none or very light amounts. Average temperatures varied from 1 to 6° above seansonal normals.

Cotton planting well underway Yuma County; expected to start in other western counties, Central Valley by April 1. Seedbed preparation, per-plant irrigation active. Wheat, barley good condition; all stands established. Plants jointing on 65% of acreage. Alfalfa stands good condition; harvest limited mostly to Yuma, Lapaz counties. Weed infestation moderate, little or no insect problems. Pasturing sheep light. Yuma lettuce movement heavy. Packing incresed Salt River Valley, expected to peak in 2 to 3 weeks. Earlier cold weather had little effect on Salt River Valley crop. Cuttings accelerated in Parker area, expected to peak in one week. Salt River Valley shipppers moved heavy volumes of Leaf lettuce, greens, green onions, spinach, turnips. Valencia harvest relatively active; grapefruit, lemon picking limited. Citrus grovers good condition; buds, blooms appeared.

ARKANSAS: Seasonable temperatures with considerable variability from a series of week cold fronts. Temperatures 1 to 6° above normal. Lowest 26°, highest 84°. Precipitation from 0.06 in. to 1.36 in.

Fieldwork consisted of land preparation, stalk destruction, fertilization of wheat. Wheat, pasture conditions average. Livestock in fair condition.

CALIFORNIA: For most of State week began with clouds, rain, finished with mostly sunny, mild conditions. Rainfall restricted to the northern two-thirds of State with only a few locations reporting weekly totals greater than 1.00 in. Temperatures averaged near normal in most areas for week. Temperature extremes included readings of 85° Thermal, Blythe, Imperial; low in Alturas dipped to 13° at one point during week.

Wheat, barley, oats developing well. Preparing fields for corn, cotton planting. Sugarbeets, safflower, alfalfa fields look good. Spraying for weevils in alfalfa fields. Some rains in certain areas slowed fieldwork. Warm, dry weather aided crop development, fieldwork. Selective picking of Haas avocados Venturea County. Cherry blossoms began San Joaquin County. Grapes showing bud swell; some varieties pushing leaves. Stone fruit, almond growers applied fungicides, rot control. Peach trees past bloom, prune trees started blooming. Growers pruned olives, walnuts. Cold, wet weather earlier in month affected late variety almond bloom. Minor frost damage to almond buds in some orchards. Navel orange harvest 75% complete San Joaquin Valley. Citrus harvest continued desert area. Asparagus volume increasing but still light. Broccoli, cauliflower fairly light supply. Planting cantaloup, mixed melons San Joaquin Valley. Carrot harvest active desert. Celery harvest active south coast. Lettuce harvest active Palo-Verde Valley, slowing Imperial Valley. Movement of storage potatoes active Tulelake-Butte Valley. Strawberry harvest increasing south coast. Fumigation sweetpotato fields underway. Planting market, processing tomatoes. Rains northern, central districts; improved range pasture moisture conditions. More rain needed sustain growth. Calving continued active. Beehives being moved from almond orchards.

COLORADO: Rain, snow widespread early in week with precipitation amounts of 0.10 to 0.30 in. Southwest mountains received up to 1 foot of new snow. Remainder of period mostly dry with temperatures averaging 5 to 10° above normal.

Winter wheat in good to very good condition. Limited seeding of small grains during week with 2.5 days suitable for fieldwork. About 14% of winter wheat acreage being pastured with most frequent occurrence in southeast. Livestock, ranges in good condition. Calving, lambing progressing satisfactorily under favorable weather conditions.

FLORIDA: Dry, warm until lightly scattered showers fell on 15th. Weekend rains, thunderstorms entire State. Rainfall mostly under 0.50 in. except isolated amounts of 1.00 in. or more.

Soil moisture continued short. Scattered rainfall on 17th helpful. Corn planting active where soil moisture sufficient. Transplanting tobacco beginning, will increase with improved weather. Land preparation active for other spring crops. Topdressing small grains complete. Small grain progress slow because of dry soils. Young sugarcane making good progress. Dry weather continued to deter growth of spring pastures. Winter annual pastures declined rapidly. Pastures rated fair throughout most of southern Peninsula, mostly poor central Peninsula, poor to fair elsewhere. Cattle remain mostly fair condition. Light weekend rains, beneficial to citrus. Irrigation very active prior to rains. Bloom progressing to full open in some groves, new growth continued. Orange harvest slow. Grapefruit movement active. Fair, dry weather, warm days, mild nights prevailed vegetable areas. Daytime temperatures mostly 80's. Nighttime readings mostly 60's. Overall shipments delined 4% during week. Crops showing greatest gain snap beans, Chinese cabbage, escarole, radishes, squash, potatoes, strawberries. Crops declining in movement where cabbage, cauliflower, carrots,

peppers; steady supplies continued celery, cucumbers, eggplant, lettuce, tomatoes. Strawberry harvest very active next several weeks. Winter potato digging continued active. Spring crop planting complete. Watermelons blooming, fruit set active. Early melons sizing well.

GEORGIA: Temperatures averaged 50's north; low 60's central, south. Averages 3 to 6° above normal. Extremes: from 27° at Clayton, Blairsville; 87° at Claxton. Little or no rain north, 1.00 in. or less elsewhere. Two to 5.00 in. total recored in extreme south. Greatest 24-hour rainfall 5.21 in. at Valdosta.

Soil moisture 37% adequate, 49% short, 14% very short. Days suitable for fieldwork 6.1. Main activites planting corn, watermelons, setting tobacco, preparing land for planting, fertilizing, applying nitrogen and weed control to small grains. Corn planted 39%, 11% last year, 23% average; condition 6% excellent, 70% good, 24% fair. Tobacco 6% transplanted, 2% last year, 8% average; condition 50% good, 50% fair. Watermelons 38% planted, 12% last year, 23% average; condition 58% good, 42% fair. Wheat jointing 69%, 34% last year; boot 8%, 5% last year; condition 60% good, 37% fair. Rye 58% good, 38% fair, 3% poor. Other small grains 42% good, 38% fair, 14% poor, 6% very poor. Peaches 50% blooming, 62% last year; condition 3% excellent, 32% good, 38% fair, 14% poor, 13% very poor. Pasture condition 38% good, 49% fair, 11% poor. Cattle 60% good, 38% fair. Hogs 82% good, 17% fair.

HAWAII: Generally unfavorable weather conditions continued to hamper farm activities and slow crop growth. Several shower areas passed through State during week providing rainfall varying from light to heavy. Precipitation heaviest along windward sides of Hawaii and Maui Islands where some minor flooding occurred early in week. Winds again gusty and posed some problems in spraying to control insects and diseases. Damages from rain and wind expected to be light. Production Chinese cabbage will continue heavy with some of crop being exported to Mainland. Head cabbage production will be steady and heavy volume.

Head lettuce output will increase slightly in coming week and be of a moderate level. Banana supplies light with cool weather slowing fruit development. Papaya supplies fluctuating, farmers regularly spraying trees to prevent any disease outbreak.

IDAHO: High pressure dominated weather most of week with only precipitation being noted in southeast. Amounts light, widely scattered. Malad recorded the most with 0.32 in. Temperatures during week remained on cool side with averages below normal throughout State. Temperatures especially cold in southeast as much as 19° below normal. Daytime temperatures warming slightly but nights remaining extremely cold.

Feed supplies remained mostly adequate. Livestock condition good. Lambing and calving progressed well across State with less severe daytime weather. Farmers beginning to start potato cutting, seed potatoes sales in earnest. Pruning continued in orchard areas of southwest.

ILLINOIS: Mean temperature normal to 3 to 9° above normal. Precipitation 0.35 in. north, northwest; 1.0 in. central; 0.50 to 0.90 in. south.

Winter wheat condition 1% excellent, 58% good, 36% fair, 5% poor. Soil moisture 26% adequate, 74% surplus.

INDIANA: Temperatures near normal north to 3 or 4° normal southwest. Highs averaged mid 40's to mid 50's. Lows averaged upper 20's to mid 30's. Precipitation light, total 0.25 in. or less north, central to 0.50 to 1.00 in. south.

Some drying of soil allowed increased outside activity including spreading chemicals, manure. Otherwise mostly getting ready for 1985 season, preparing taxes, attending auctions, hauling grain, caring for livestock, usual chores.

IOWA: Warm dry week. Temperatures averaged about 8° above normal. Warmest 10th highs to 65° at Des Moines. Precipitation fell 11th, 12th, 13th; moderate southeast, light elsewhere.

Livestock mostly good to excellent conditions. Farmers getting ready for spring fieldwork.

KANSAS: Precipitation averaged little or none three western districts; near 0.40 in. central district; 1.00 in. east central, southeast. Temperatures averaged 47 to 50° southeast, 44 to 46° elsewhere; ranging 4 to 8° above normal.

Aided by mild temperatures, adequate moisture wheat making good growth. Wheat conditions good to excellent most areas. Weeds also show increased growth; especially mustard, cheat. Disease damage light. Weed control topdressing continued. Oat, barley planting reached 25%, 40% completion respectively. Calving continued with very few problems. Lambing in final stage, good lamb crop noted. Spring shearing nearing completion. Range, pasture condition good to excellent; new growth starting to show.

KENTUCKY: Week began warm, wet; ended clear, unseasonable cool. Average temperatures from near normal to about 5° above normal Lows mostly in 30's, highs in 50's. Precipitation varied from less than 0.25 in. southwest to 1.50 in. northeast.

Tobacco bed preparation, fertilization of wheat, hay, pastures main activities. Field work will pick up rapidly as fields dry.

LOUISIANA: Precipitation amounts ranged from 0.05 to2.36 in. Average temperatures ranged from 5 to 8° above normal. Lows 42°, high 84°.

Days suitable for fieldwork 5.0. Activities: Corn, rice planting, spring plowing, fertilizing wheat fields, off-barring cane. Spring plowing 25%, 18% 1984, 30% average. Corn planted 28%, 13% 1984, 20% average. Rice planted 4%, 6% 1984, 6% average. Wheat heading 3%, 1% 1984, 1% average. Vegetables, sugarcane in fair condition. Pastures, livestock in fair to good condition.

MARYLAND & DELAWARE: Maryland: Temperatures averaged 4 to 8° above normal with highs in 60's. Lows ranged from 26 to 38°. Precipitation generally less than 0.33 in. with most rainfall in mountains.

Farmers topdressing winter grains and pastures, plowing, trimming fruit trees, planting field peas and tobacco.

Delaware: Warm, dry week with temperatures averaging 5 to 9° above normal. Highs ranged from 62 to 63°, lows 29 to 34°. Below

normal rainfall averaged 0.30 in. throughout State.

Farmers topdressing winter grains and pastures, plowing, trimming fruit trees, planting field peas and tobacco.

MICHIGAN: Temperatures averaged above normal for third consecutive week. Temperatures averaged 5° above normal across State. Light to moderate precipitation. High water subsiding.

Farm, land auctions being scheduled. Maple syrup production starting. Some manure spreading. Fruit tree, grape vine pruning underway. Livestock in good condition. Calving progessing on schedule.

MINNESOTA: First of week brought a mixture of rain, snow but by 14th skies cleared and temperatures remained well above normal. Temperatures averaged 9 to 13° above normal. Low: 6°; high: 58°. Precipitation averaged 0.16 to 0.39 in. above normal for southern third of State, normal to 0.24 in. below normal elsewhere. Snowfall for week averaged 4 in. for southeast, 1 to 3 in. elsewhwere. Snow depth at week's end averaged 10 in. for north central, 6 in. for northeast, 2 in. for west central, zero to a trace elsewhere.

MISSISSIPPI: Temperatures averaged 4 to 10° above normal for week. Extremes: 28°, 83°. Greatest 24-hour rainfall 0.72 in, at Tunica.

Soil moisture adequate. Feildwork 4.9 days suitable; 3.0 1984, average. Main activities planting corn, preparing land. Corn 17% planted; 10% 1984, average. Watermelons 5% planted, 4% 1984, 8% average. Wheat fair to good; 47% jointing, 22% last year, 17% average. Pasture, livestock fair condition. Hay, feed grains adequate to short.

MISSOURI: Mild temperatures averaged 6° above normal. Rainfall generally averaged between 0.05 to 0.75 in.

Wheat responding to warmer temperatures, sunshine. No fieldwork, drying weather not sufficient to let farmers in fields. Pastures greening up slightly.

MONTANA: No precipitation. Very mild temperatures. Most of State had temperatures 3 to 11° above normal. Some snow covered areas of west, southwest cooler with temperatures from 1 to 4° below normal.

Winter wheat fair. Wind damage mostly light. Crop still dormant. Hay, roughage feed short to adequate. Stockwater mostly adequate. Calving 40% complete. Lambing 35% complete.

NEBRASKA: Average temperatures ranged from 4 to 9° above normal. Rainfall very light beginning of week with traces to 0.20 in.

Wheat mostly good condition.

NEVADA: Low pressure system first half of period produced mixed rain, snow across northern areas. Extreme south mostly fair weather although some gusty winds reported. Conditions last half of week reversed as clear nights and sunny days prevailed north. Southern skies partly cloudy with isolated afternoon thunderstorms. Temperatures returned to normal end of period. Extremes: 4°, 80°.

Fieldwork hampered by wet fields, strong winds. Good progress calving, lambing.

NEW ENGLAND: Precipitation above normal during week for much of region with most of precipitation coming at midweek. Northern Maine, New Hampshire reported weekly totals of 1.50 in., with eastern Maine well over 2.00 in. Rhode Island, eastern Massachusetts also reported 1.50 in., with rest of region averaging about 1.00 in. Mean temperatures from 5 to 10°, milder compared to previous week, ranging from 30° in northern Maine to lower 40's along Southern Coast.

Maple producers collecting sap, firing up sugar house. Farmers tending liverstock.

NEW JERSEY: Temperatures above normal, averaging 39° north, 45° south, 46° coastal. Extremes: 10°, 63°. Precipitation below normal, averaging 0.50 in. north, 0.51 in. south, 0.52 in. coastal. Heaviest 24-hour total 0.60 in. on 11th to 12th.

Fieldwork: Topsoil moisture adequate for most of State. Farmers progressing with soil preparation, early vegetable planting. Fruit tree pruning nearing completion. Pastures greening.

NEW MEXICO: Average temperatures near normal most locations. Minimum temperature: 11° northwestern Plateau, western mountains. Maximum temperature; 83° southern desert. Two storms crossed State producing substantial rain, snow over north, west. Flash flood reported in west. Precipitation in those areas between 0.50 to 2.00 in. One location reported over 3.00 in.

Soil moisture short to surplus, mostly adequate. Alfalfa hay good to excellent. Barley good to excellent - grazing decreased to around 50%. Irrigated, dryland wheat mostly good grazing also decreased to around 50%. Chile good - 25% planted. Onions good - shortage of transplanting sets reported. Lettuce fair to good. Cattle fair to good - calving continued. Sheep fair to good - shearing continued. Range fair to good.

NEW YORK: Temperatures started out well above normal during week, then fell below normal toward end of week. First, last days of week dry. Otherwise precipitation most days. Bulk of precipitation fell on 12th in form of rain. Rainfall averaged from 0.50 to 1.00 in. that day. Precipitation about normal in western areas but above normal in east.

Farm activities included pruning orchards, tending livestock, making plans for spring planting, routine farm chores.

NORTH CAROLINA: Temperatures averaged 4 to 7° above normal across State. Precipitation minimal 4th week in row, most recorded 0.26 in. at Murphy.

Soil moisture; 5% very short, 51% short, 44% adequate. Days suitable for fieldework 6.2. Conditions: Pasture 7% poor, 42% fair, 50% good, 1% excellent. Wheat 1% poor, 18% fair, 76% good, 5% excellent. Oats 4% poor, 29% fair, 66% good, 1% excellent. Barley 3% poor, 19% fair, 77% good, 1% excellent. Rye 22% fair, 75% good, 3% excellent. Farm feed supplies: Hay, roughage 3% short, 92% adequate, 5% surplus. Feed grains 3% short, 94% adequate, 3% surplus. Major farm activities: Plowing, disking, liming, fertilizing, tobacco plant bed seeding and irrigating, general farm maintenance, equipment repair, tending livestock, planting potatoes and gardens.

NORTH DAKOTA: Temperatures above normal. Northwest district greatest departure from normal 14°; southwestern, south central districts 9° above normal. High 59°; low 14°. Northwestern, north central,

southwestern districts recorded no precipitation. Remaining districts received amounts ranging from 0.01 in. in northeast to 0.17 in. in southeast.

Very mild week with drying winds farmers getting ready for spring planting season. Good weather also beneficial to livestock producers during calving, lambing season. All fields open, beginning to dry out. Frost line only about 3 to 5 in. below surface.

OHIO: Temperatures averaged warmer than normal most of week. Readings north, southwest 2 to 3° above normal; central 1 to 2° above normal. Only southwest readings normal. Week ending temperatures fell to levels 8 to 12° below normal. Precipitation widespread. Totals ranged from 0.50 in. central, north to 1.00 in. plus south, northeast.

Winter wheat continued to green. Some top-dressing on wheat fields, pastures. Farm operators doing general farm maintenance. Orchardists continued pruning, applying dormant sprays. Isolated instances of spring plowing.

OKLAHOMA: Temperatures averaged 3° above normal Panhandle, west central, central, southwest to 7° above normal northeast. Precipitation averaged 0.02 in. west central to 1.00 in. southeast.

Warm temperatures, adequate soil moisture stimulated rapid wheat growth. Sunshine needed to dry fields; allow topdressing, herbicide application. Some eastern fields yellowing. Insect activity light but building south. Sorghum planting just beginning. Livestock marketings decline prices stable. Wheat good, pastures fair, livestock good-to-fair condition. Wheat jointing: 10%, 10% 1984; 10% average.

OREGON: West warmed up with spring temperatures 3° above normal. Areas east of Cascades had nighttime lows in teens, keeping average temperatures 6° cooler than normal. Only precipitation less than 0.10 in. early in week along southern coast, Willamette Valley.

Soil moisture mostly adequate in west; short to adequate in east. Accumulated rainfall is behind normal throughout State. Winter wheat starting to grow in Willamette Valley, low elevations east of Cascades. Some weed spraying underway. Spring fieldwork beginning in Deschutes, Columbia Basins. High desert country of southeast still snowy, frozen. Potato seeding underway Hermiston-Boardman area. Green peas going in Umatilla County. Ground preparation, seeding of spring grains continued Willamette Valley. Fruit tree pruning winding up. Vegetable seeding also continued. Range condition rated mostly fair; need rain. Livestock good to excellent. Calving, lambing mostly finished except in high country where good weather a benefit.

PENNSYLVANIA: Mild breezy week across State. Average State temperature 40°, 3° above normal. Received precipitation two days of week in form of rain, snow. State average precipitation 0.71 in., 0.10 in. below normal.

Farm activities: Boiling maple sap first of week, caring for livestock, routine winter chores.

PUERTO RICO: Island average rainfall 0.49 in. to 0.08 in. below normal. Highest weekly total 2.94 in. Highest 24-hour total 2.00 in. Temperature averaged about 74 to 75° on coasts, 69 to 70° interior divisions. Mean station temperature ranged from 62° to 78°. Extremes: 52°; 92°. Total rainfall 0.13 in. minus 0.36 in.

SOUTH CAROLINA: Temperatures averaged 4 to 6° warmer than usual, although scattered frost occurred on 13th in western region. Rainfall light to none; mostly end of week. Heaviest precipitation in southeastern part of State.

Soil moisture becoming short over entire State. Numerous forest fires reported during week. Main activites: Land preparation for spring plantings, small grain topdressing, routines farm chores. Tobacco beds, small grains in generally good condition.

SOUTH DAKOTA: Average temperatures ranged from 1 to 11° above normal. Extremes: -1; 70°. Outside Black Hills low 8°. Some light precipitation fell early in week. Yearly precipitation totals range from 1.00 to 4.50 in. across State.

Livestock good condition. Lambing, calving continuing. Major agricultural activities included caring for livestock, attending farm meetings, preparing for spring planting.

TENNESSEE: Three cold fronts affected State this week. Temperatures seasonal, average from 2 to 4° above normal. Extremes ranged from 70° on 11th to 26° on 15th. Precipitation totals mostly under 0.50 in. for State.

General farm chores, supplemental feeding of livestock continued to be main farm activities.

TEXAS: Week began warm, springlike weather; late on 11th cold front swept across northern half State. Readings 80's southern part of State; 50's, 60's north. Patches light rain Panhandle, no significant amounts. Cold front stalled along upper coast on 12th. Major frontal system moved through State midweek. Pacific front followed by broad band showers, thunderstorms moving southeastward through State, gave substantial rainfall. Front moved off shore on 14th bringing widespread clouds Coastal Plains, south. Rainy weather persisted southeast on 16th. Large high pressure dome covered State on 17th eliminating chances of rain. Temperatures above normal north, east, southeast; near normal slightly cooler than normal elsewhere. Precipitaition above normal High Plains; deep east near normal. Elsewhere above normal.

Crops: Small grains benefit from additional moisture. High Plains growth good. Some top dressing continued; spraying for weeds. Wheat Blacklands, Central excellent growth; minor problems rust, insects. Oats coming back in shape milder temperatures, additional moisture. Producers continued removing cattle from fields where grain crop expected. Statewide condition 84% of normal, 62% a year ago. Conditions 12% excellent, 64% good, 21% fair, 3% poor. Land preparation for planting corn, grain sorghum continued as conditions permitted. Planting corn stated as far north as southern Blacklands. Some early planted fields up to stands in area. Planting continued rapid pace Rio Grande Valley. Wet field conditions delayed planting other southern areas. Moisture conditions good, outlook favorable for good year. Corn planted 1% 1985, 2% 1984, 4% average. Sorghum planted 14% 1985, 27% 1984, 28% average. Corn for grain 19% 1985, 31% 1984, 26% average.

Commercial Vegetables: Rio Grande Valley, cabbage, carrot harvest continued. Melons good progress. Onions look good, harvest should begin couple weeks. San Antonio-Winter Garden, rain delayed planting spring vegetables. Melon

planting virtually completed some fields up good stands. White rust continued plaguing spinach crop. Harvest winter vegetables slowed wet conditions. Eastern areas, wet conditions continued hampering land preparation, planting. Small amounts spring vegetables. High Plains, planting onions, potatoes continued behind front when conditions improved. Transplanted fields making good progress. Peach trees continued bloom as far north as Cross Timbers. Some spraying trees in pink bud stages Blacklands. Pecan trees beginning bud South. Some producers Blacklands spraying trees.

Range and Livestock: Most ranges, pastures continued improving good grazing. Greening up increased with additional moisture; early spring growth remains short. Winter grasses providing good forage. Cattle pulled off wheat pastures where grain crop expected. Livestock good condition. Lice, Horn flies causing some problems. Supplemental feeding continued, slowed many areas because continued growth native pastures.

UTAH: Precipitation zero to light western quarter of State, moderate to heavy elsewhere. Temperatures generally normal to slightly above except north central division 7° below normal.

Onion shipping tapering off. Fruit tree pruning continued. Calving, lambing continued.

VIRGINIA: Sunny, mild most of period. Temperatures 5 to 10° above normal. Precipitation light most areas. Cold, windy weather moved in on 18th.

Dry conditions developing. Topsoil moisture rated 55% short, 47% adequate, 4% surplus. Clear weather allowed 5.2 days for fieldwork. Conditions of peaches remains poor. Heavy damage from earlier cold weather. Apple trees in good condition. Land preparation for spring planting active. Pastures, alfalfa in good to excellent condition. Overseeding, fertilizing. Almost no corn planted yet. Small grains progressing well. Wheat, barley, oats in good to excellent condition. Some topdressing, weed control. Tobacco plantbeds about 75% seeded. Livestock excellent condition. Feed supplies adequate.

WASHINGTON: Skies mostly clear, afternoon temperatures generally above normal over much of State. Clear skies caused nighttime temperatures to drop to below normal temperatures. No significant frontal systems capable of producing; dry spell continued for another week.

Western State growers busy planting vegetables, tying cane berries. Pastures beginning to green. Eastern growers spraying, fertilizing alfalfa, preparing fields for early potato seeding, pruning fruit trees. Snow mold, winter kill becoming increasing problems in winter wheat.

WEST VIRGINIA: Temperatures averaged 1 to 2° above normal for central, southwest, northwest; 4 to 6° above normal for rest of State. Precipitation averaged 0.20 to 0.40 in. below normal in south, northeast, northwest; 0.40 to 0.50 in. above normal in rest of State.

Soil moisture adequate. Days suitable for fieldwork averaged 2.2. Hay, grain, other feed supplies adequate.

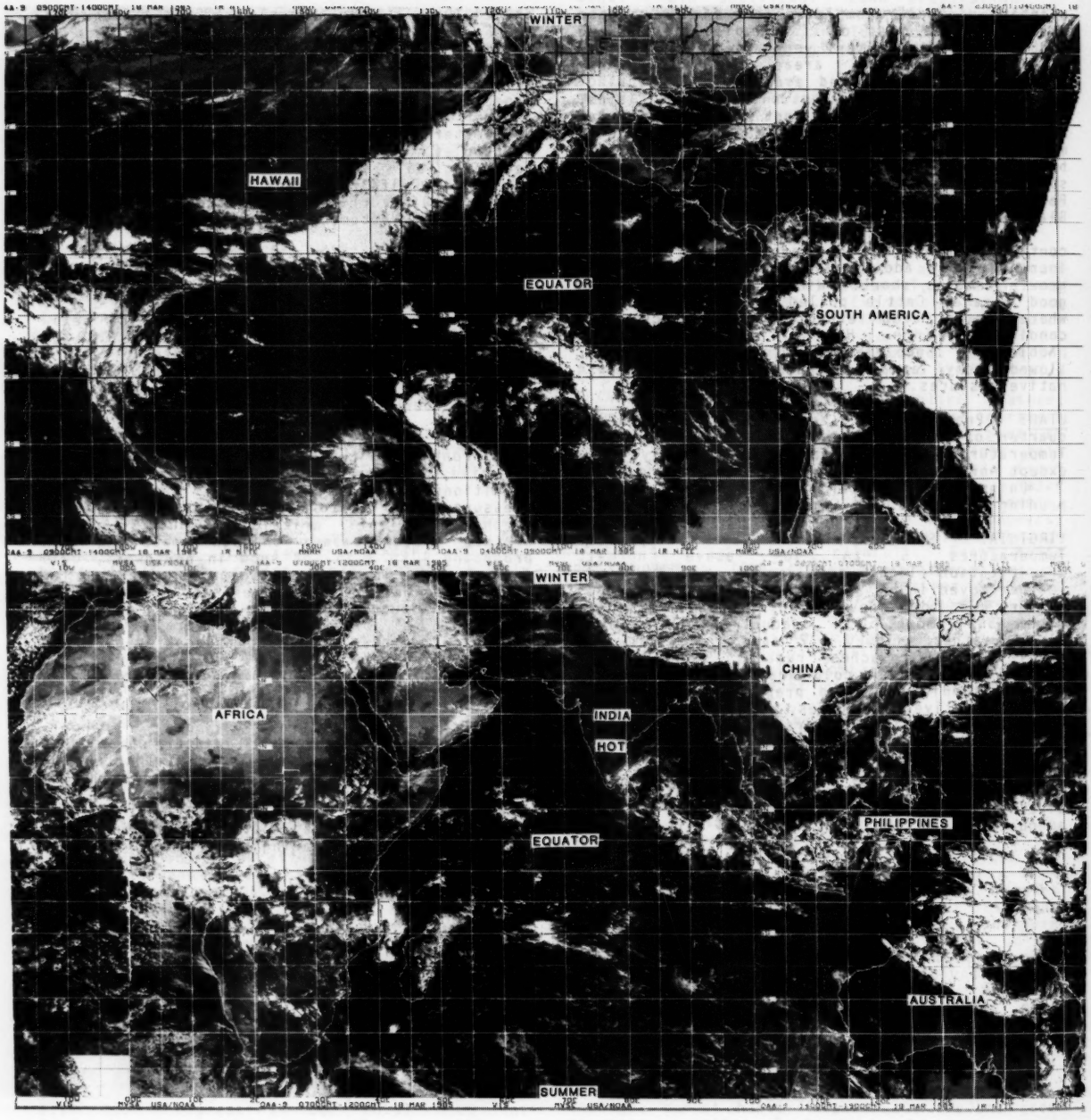
WISCONSIN: Low pressure center and attending cold front moved through State on 11th, bringing a mild weekend back to more seasonal conditions. Precipitation with passing low pressure center in form of 3 to 6 in. of snow in north; mixed rain, drizzle in south. Another weather system passed through State on 13th producing 1 to 3 in. of snow in northwest, 0.10 in. of rain in south. Except for some brief cloudy periods remainder of week essentially fair with abundant sunshine. High temperature of week 52° on 15th at several locations including LaCrosse, Lone Rock, Brookfield. Most lows were in teens.

Maple syrup continued in good flow for most areas.

WYOMING: Temperatures above normal. Precipitation below normal. Winter wheat good condition most areas; any winter kill should be evident next several weeks. Spring fieldwork starting some areas. Barley planting will get underway in Big Horn Basin next week, weather permitting. Livestock mostly good condition. Calving, lambing, shearing underway. Favorable weather most areas.

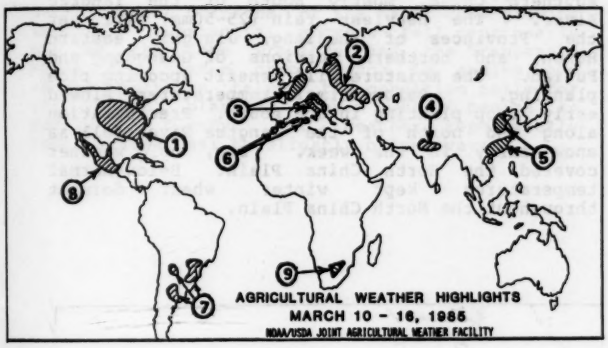
GLOBAL WEATHER SATELLITE PHOTO

March 18



International Weather and Crop Summary

March 10 - 16



HIGHLIGHTS:

1. UNITED STATES ... Sunny, warm weather accelerates southeastern land preparation, seeding, and crop development. In the Corn Belt and Central Plains, while wetness delays land preparation, abnormal warmth spurs wheat greening.

2. WESTERN USSR ... A warming trend results in some loss of snow cover, particularly in the west and south.

3. EUROPE ... Wet weather favors crops in the central Mediterranean, central France, and northern West Germany. Dry weather in Spain is stressing winter grains that approach the heading stage.

4. SOUTH ASIA ... Warm, dry weather hastens wheat maturity and aids crop harvesting.

5. EASTERN ASIA ... Rain in southern China keeps soils moist but below-average temperatures throughout all crop areas slowed early rice planting in the south and keeps winter wheat dormant in the North China Plain.

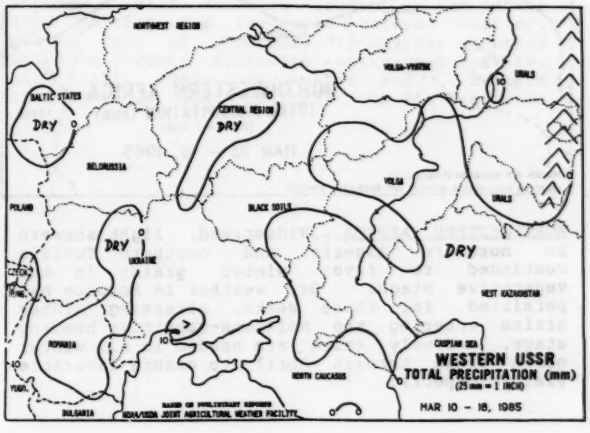
6. NORTHWESTERN AFRICA ... Light showers continue to favor winter grains in Algeria and Tunisia. Unfavorably dry weather continues to cover Moroccan winter grains.

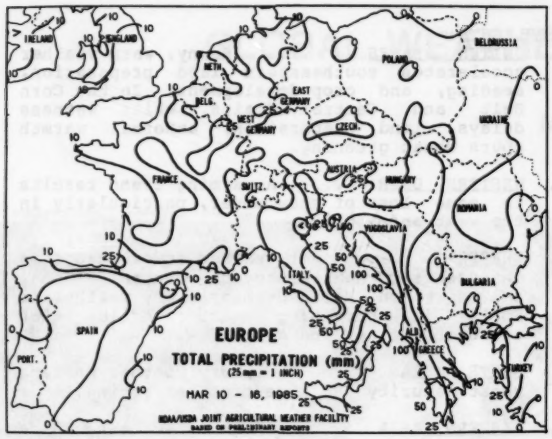
7. SOUTH AMERICA ... Mostly light showers help immature soybeans in Argentina but above-average temperatures hasten crop maturity. Summer crop harvesting is underway but rain in Brazil's soybean area slows progress.

8. MEXICO ... Warmer-than-usual weather advances northern crop development.

9. SOUTH AFRICA ... Widespread rain covers most of the country including the Maize Triangle where corn is maturing. The moisture helps soils for next month's wheat planting.

WESTERN USSR...A warming trend from the west, following the early-week unseasonably cold weather, changed snow across southern winter grain areas to light rain. Daytime maximum temperatures rose to around 3C over most winter grain areas by Saturday. The warmest weather covered winter grains in the southwestern North Caucasus, with daytime highs rising to around 10C. The warming trend resulted in some loss of snow cover, particularly in the west and south. Winter grains remain dormant over most crop areas. Normally, winter grains break dormancy across the south by late March.

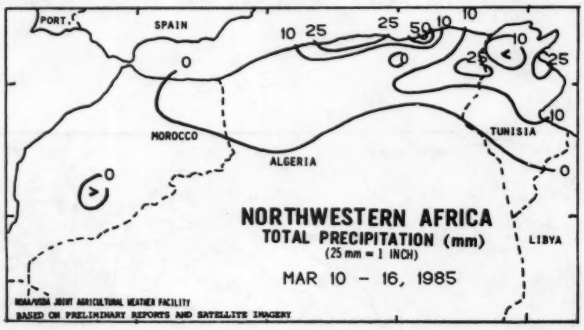




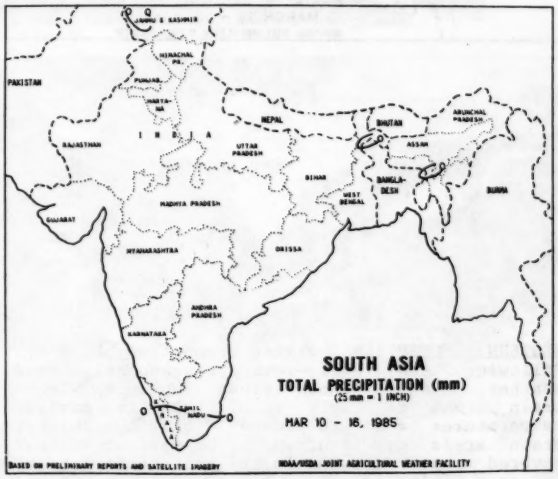
EUROPE...A nearly stationary storm system in the central Mediterranean produced widespread showers over crops in Italy, western Yugoslavia, and eastern Hungary. Heaviest rain (25-50mm) covered crop areas near the Adriatic Sea. Elsewhere, the only other crop areas which received significant showers (10-25mm) were winter grain areas from central France northeastward into West Germany. Highly beneficial rain covered winter grains in northern West Germany, where it has been dry for the past five weeks. Dry weather continued in East Germany and northern Poland. Winter grains over most of western Europe are breaking dormancy, and southern crops are in the vegetative stage. Continued dry weather in Spain prompts concern because winter grains in southern areas are approaching the moisture-sensitive heading stage.

EASTERN ASIA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
MAR 10 - 16, 1985
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS

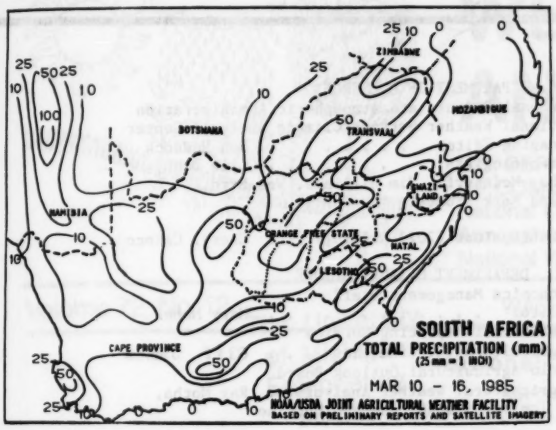
EASTERN ASIA...Substantial rain fell over southern China, mostly south of the Yangtze River. The heaviest rain (25-50mm) fell over the Provinces of Zhejiang, Jiangxi, eastern Hunan, and northern portions of Guangdong and Fujian. The moisture will benefit upcoming rice planting. Below-normal temperatures slowed early crop planting in the south. Precipitation along and north of the Yangtze River fell as snow early in the week. Dry, cold weather covered the North China Plain. Below-normal temperatures kept winter wheat dormant throughout the North China Plain.


NORTHWESTERN AFRICA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
MAR 10 - 16, 1985
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY

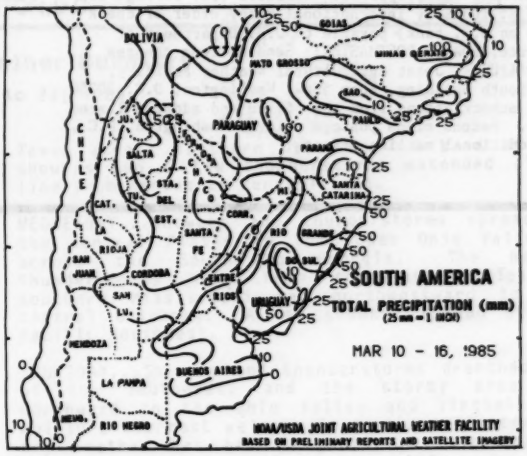
NORTHWESTERN AFRICA...Widespread, light showers in northern Algeria and northern Tunisia continued to favor winter grains in the vegetative stage. Dry weather in Morocco has persisted for three weeks, stressing winter grains entering the moisture-sensitive heading stage. Timely rains are needed in all winter grain areas through April to ensure favorable yield prospects.


SOUTH ASIA
TOTAL PRECIPITATION (mm)
(25 mm = 1 INCH)
MAR 10 - 16, 1985
BASED ON PRELIMINARY REPORTS AND SATELLITE IMAGERY
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY

SOUTH ASIA...Dry, warm weather dominated the region again this week with virtually no rainfall in Pakistan, India, Bangladesh, and bordering areas. Weekly temperatures averaged 1-3C above normal across northern India. Maximum temperatures in Punjab averaged around 30C while, in central India, high temperatures ranged from the upper 30'sC to a few low 40'sC. India's wheat matures rapidly in the north with harvesting underway in most crop areas. Summer rice, which relies entirely on irrigation, is entering the heading stage.



SOUTH AFRICA...Widespread rain fell across the Maize Triangle, with weekly totals averaging 25-60mm in all but extreme eastern and northwestern portions of the major corn growing region. Substantial showers fell over nearly all of the Cape Province and the Transvaal. While the summer crop season is ending, the recent moisture helped to condition soils for the wheat planting season which begins in April. Cloudy, wet weather kept weekly temperatures near to slightly below average.



SOUTH AMERICA...In Argentina, weekly rainfall averaged 7-20mm in most summer crop areas, providing some topsoil moisture for immature soybeans and sorghum. Above-average temperatures maintained high rates of evapotranspiration and hastened crop maturity. The recent showers late in the week caused only minor delays in harvesting of corn, sunflowers, and early-crop soybeans and sorghum. The summer crop harvest is now underway in most areas. In Brazil, wet weather covered nearly all soybean areas. Rain in recent weeks has provided ample moisture for late maturing soybeans, but is also keeping a high moisture content in the mature crops waiting for favorable harvest weather. Several days of generally dry weather occurred during mid-week, following early-week showers. Rain fell again at week's end. Soybean harvesting is just beginning in Rio Grande do Sul.

MEXICO...Unseasonable warmth accelerated crop development over most of the northern half of the country. Temperatures, averaging 2-6C warmer than usual, sped maturity of winter vegetables and growth of young spring crops. Rains dotting the east and upper north central should improve some rangeland vegetation. A downpour of over 60mm in the Nuevo Laredo area may have washed out some field crop seedlings.

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